

19990517.qrp v01_n460.qrl.990517

Date: Mon, 17 May 1999 19:03:20 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1460

QRP-L Digest 1460

Topics covered in this issue include:

- 1) [40577] totally qrp: web page update
by sda <sda@bellsouth.net>
- 2) [40578] Re: Bristol
by david fouchey <dafouchey@home.com>
- 3) [40579] sm0vpo's regen
by Bob Liesenfeld <wb0poq@visi.com>
- 4) [40580] 2N2/40 Partial Parts Kit
by Jerry Parker <jparker@fix.net>
- 5) [40581] Re: Tokyo Hy-Power HT 750; qrp ht review
by Hal Maney <hmaney@earthlink.net>
- 6) [40582] RE: I get "Bugged" at Dayton
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 7) [40583] Re: Regens - again
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 8) [40584] Re: Good stuff at Dayton QRP Central
by Ray Colbert <af852@rgfn.epcc.edu>
- 9) [40585] Congratulations
by af852@rgfn.epcc.edu (William R Colbert)
- 10) [40586] Re: Pegasus Detractors
by Ron Stark <ku7y@dri.edu>
- 11) [40587] Re: Pegasus Detractors
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 12) [40588] SoCal CWPB #2
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 13) [40589] Re: Inspired to build!
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 14) [40590] Dummy load designs wanted
by Ron <rong@slip.net>
- 15) [40591] Re: Congratulations
by "Vincent Ferme" <vferme@sprint.ca>
- 16) [40592] Re: Good stuff at Dayton QRP Central
by Ray Colbert <af852@rgfn.epcc.edu>
- 17) [40593] Re: Dummy load designs wanted
by sda <sda@bellsouth.net>
- 18) [40594] Re: QRP-L digest 1459
by mahlon.r.haunschild@ac.com
- 19) [40595] Re: Mounting ICs Manhattan Style?

- by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 20) [40596] Re: I DO-DID-IT --- WITH WIRE / ROPE / TREES
by "BC" <bcrow@powerlink.net>
- 21) [40597] RS 3AMP SUPPLY NOISE
by mjfitz@uswest.net
- 22) [40598] Ht 750 Pics from Tokyo HyPower
by Tom M <tjmc@erols.com>
- 23) [40599] BAD WEATHER...
by mjfitz@uswest.net
- 24) [40600] SoCal CWPW #2 a wash!
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 25) [40601] HOFer's!, building, antenna launcher
by tom whalen <wb5qyt@eFortress.com>
- 26) [40602] Re: Dummy load designs wanted
by Russ Hines <radioruss@fuse.net>
- 27) [40603] Re: bands
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 28) [40604] Short Wave Listening Primer
by "Paul Harden, NA5N" <na5n@rt66.com>
- 29) [40605] List of Shortwave Stations (regen's)
by "Paul Harden, NA5N" <na5n@rt66.com>
- 30) [40606] W6MMA SLV & SLX Q's
by "john a. evans" <jae@codenet.net>
- 31) [40607] MORE REGEN
by mjfitz@uswest.net
- 32) [40608] Re: Dummy load designs wanted
by "Radman" <radman@best.com>
- 33) [40609] Re: Re WBL paddles
by jn2amr@a1.mbn.or.jp
- 34) [40610] Thanks and Tuner
by "George F. Allgood" <k4pym@carol.net>
- 35) [40611] Re: List of Shortwave Stations (regen's)
by "Francis Callahan" <colcal@srv.net>
- 36) [40612] Re: Pegasus Detractors
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
- 37) [40613] Re: Short Wave Listening Primer
by Bruce Muscolino <w6toy@erols.com>
- 38) [40614] Fw: N4DD qrpttf report
by "Dennis Brickey" <n4dd@preferred.com>
- 39) [40615] Re: Short Wave Listening Primer
by "Jascha Ruesseler" <Ruesselj@Mailer.Uni-Marburg.de>
- 40) [40616] DX
by RON TODD <k4wz@bellsouth.net>
- 41) [40617] Re: List of Shortwave Stations (regen's)
by Ray Colbert <af852@rgfn.epcc.edu>
- 42) [40618] Re: Microprocessors imbedded in radios
by "Mike Yetsko" <myetsko@insydesw.com>
- 43) [40619] Getting started again.

- by "=?iso-8859-1?B?TWF1cu1jaW8gVGliaXJp5+E=?" <tibirica@mandic.com.br>
- 44) [40620] Re: Address for K0EVG
by "Bryan Turner" <turnerw@email.uah.edu>
- 45) [40621] desert ratt
by sergio <sruiz@bright.net>
- 46) [40622] Re: Short Wave Listening Primer
by "Bryan Turner" <turnerw@email.uah.edu>
- 47) [40623] Regens
by Bigbob97@aol.com
- 48) [40624] Re: Soldering station on sale.
by "Mike Yetsko" <myetsko@insydesw.com>
- 49) [40625] Operate in Switzerland ?
by "Rod Cerkoney" <rlw@frii.com>
- 50) [40626] Re: sm0vpo's regen
by "Steven Weber" <kd1jv@moose.ncia.net>
- 51) [40627] Re: 2N2/40 IF amp
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 52) [40628] Switchers
by Ted Beach <tedbeach@yahoo.com>
- 53) [40629] QRP SILENT KEY Administrator
by Karl.Kanalz@optelinc.com
- 54) [40630] Norcal 20 kit for sale
by Jeff Gold <JGold@tntech.edu>
- 55) [40631] For Sale Items
by Larry East <w1hue@amsat.org>
- 56) [40632] RE: QRP SILENT KEY Administrator
by Paul Antoniewicz <pja@sofsol.com>
- 57) [40633] Brute Force Cure for NC20 Chirp
by Larry East <w1hue@amsat.org>
- 58) [40634] Re: FIREBALL RUN I
by FrConrad@aol.com
- 59) [40635] HamCom QRP List hits 80 signups
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 60) [40636] Re: Dummy load designs wanted
by Gary L Surrency <gsurrency@juno.com>
- 61) [40637] Re: Dummy load designs wanted
by FrConrad@aol.com
- 62) [40638] Re: Re WBL paddles
by Chuck Adams <adams@ticnet.com>
- 63) [40639] HamCom Regen Building Contest
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 64) [40640] Desert Ratt Questions
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 65) [40641] Radio Pioneer Article
by "Bryan Turner" <turnerw@email.uah.edu>
- 66) [40642] URL & E-mail Change - Alaska QRP Club
by Alaska QRP Club - KL7AQC <akqrp@gci.net>
- 67) [40643] QRP Hall of Fame inductees for 1999

- by "Mike Czuhajewski" <wa8mcq@erols.com>
- 68) [40644] W5JAY and Ft. Smith Group to announce new kit this week
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 69) [40645] Fw: [GQRP] Need Mic Insert Info Please.....
by "Andy" <gm0nwi@tesco.net>
- 70) [40646] No QRPP yet in ND
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 71) [40647] Parts Stores in Orlando
by "Dasher, Mark" <DasherM@IRWIN.ARMY.MIL>
- 72) [40648] NC20 Problem - Little AFA Audio
by "Timothy J. Strong" <kg2no@arrl.net>
- 73) [40649] Re: QRP Hall of Fame inductees for 1999
by Peter Larsen <larsenp@cadvision.com>
- 74) [40650] FIDM Proceedings
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 75) [40651] Bristol Spline Screwdriver Set
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
- 76) [40652] Drake R7, vintage SS RX parts radio sought
by "Bob Duckworth" <wb4mnf@atl.org>
- 77) [40653] Re: Address for K0EVG
by Goran Hosinsky <hosinsky@royac.iac.es>
- 78) [40654] Re: HamCom Regen Building Contest
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 79) [40655] Re: Microprocessors imbedded in radios
by "Bob Duckworth" <wb4mnf@atl.org>

Date: Sun, 16 May 1999 18:09:50 -0500
From: sda <sda@bellsouth.net>
To: qrp-l@lehigh.edu
Subject: [40577] totally qrp: web page update
Message-ID: <199905162309.TAA02148@mail2.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

URL is <http://www.qsl.net/k4msw>

Just added 12 new graphics to the web page:
8 in the "pics" section and 4 in the "rigs"
section. Not sure those sections should
even be separate now, but oh well. Enjoy.
Hope to update the links section by next
weekend.

72

Todd Atkins, K4MSW

Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Sun, 16 May 1999 19:36:17 -0400
From: david fouchey <dafouchey@home.com>
To: phillips@msoe.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40578] Re: Bristol
Message-ID: <373F5671.F98FF511@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

XCELITE carries sets similar to their 99PS-50 Screwdriver/Nutdriver sets. They have them for both Allen and Spline screws. And yes another name for them was/is Bristol Screws.

Dave
WA4EMR

PHILLIPS RICHARD wrote:

>
> I have a Collins 75S-3C which uses splined set screws in all the knobs and
> shaft collars. Where can I get splined type screw drivers to remove or
> re-position these knobs (required for alignment)? These are not Torx (or
> is it Torqx) head screws. I have tried the local hardware stores, hobby
> shops and Sears. I also tried an automotive supply store (Napa). Most
> clerks give me a blank stare. I thought these were called Bristol screws
> years ago but I may be wrong about that. I know there are some Collins
> people on this list that can help me.
> Thanks, Rich, AA9L
>
> Richard Phillips
> Lab Technician
> Milwaukee School of Engineering
> 414-277-7388, phillips@msoe.edu

Date: Sun, 16 May 1999 17:52:03 -0500
From: Bob Liesenfeld <wb0poq@visi.com>
To: qrp-1@lehigh.edu

Subject: [40579] sm0vpo's regen
Message-ID: <373F4C13.17511566@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I just bult a rx using Harry's regen found on:

<http://hem2.passagen.se/sm0vpo/rx/regenrx.htm>

I added a 100 Ohm resistor in the emitter lead with a .01uF across it. This greatly improved the stability of the regeneration point, and caused the stage to go into and out of oscillation more smoothly.

Followed this up with a single BJT amp with a gain of 10 and an LM386 driving a 6" speaker. Sounds *wonderfull* :-)

72

Bob WB0POQ

--

Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld
wb0poq@visi.com

Date: Sun, 16 May 1999 17:10:58 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [40580] 2N2/40 Partial Parts Kit
Message-ID: <3.0.6.32.19990516171058.00aeb560@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dan has put together a partial parts
kit for the 2N2/40 as featured in the
Winter QRPP.

Check it out:

<http://www.fix.net/dans.html>

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Sun, 16 May 1999 20:07:43 -0400
From: Hal Maney <hmaney@earthlink.net>
To: tjmc@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40581] Re: Tokyo Hy-Power HT 750; qrp ht review
Message-ID: <373F5DCF.C846F6F9@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for the review, Tom. That little rig really catches my fancy.

Did you order your's directly from Japan? How does one go about doing that? The URL you listed appears to be in Japanese only.

Hal

Tom M wrote:

>
> I didn't go to Dayton due to having spent all my money prior to the
> date...
> On a Tokyo Hy-Power HT750.
>

--
Hal Maney, K1HM
maney@ieee.org
203-431-9329(CT)
603-891-0933(NH)

Date: Sun, 16 May 1999 20:19:21 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <mahlon.r.haunschild@ac.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40582] RE: I get "Bugged" at Dayton

Message-ID: <000201be9ffa\$e947f4c0\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Mahlon:

GL wid ur new bug (I use a bug--albeit a Mac key--exclusively hr). Your Vibroplex is a really nice key.

Can you please tell me who John Elwood is, and where I can check the ages of the various bugs I have here?

Many thanks es vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L: 687

.-.-.

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> mahlon.r.haunschild@ac.com
> Sent: Sunday, May 16, 1999 5:45 PM
> To: Low Power Amateur Radio Discussion
> Subject: I get "Bugged" at Dayton '99 and other random thoughts
> (reprise)
>
>
> I can't believe it.
>
> I've just checked the serial number of my brand-new (to me) bug
> against John
> Elwood's list.
>
> Get this... the key and I are the same age. IT'S AS OLD AS ME!!!!!!
>
> What a hoot! I don't think I'll ever sell it.
>
> ROTF in Dayton, L,
>
> Mahlon - N4EEE
>
>
>
>

Date: Sun, 16 May 1999 20:35:51 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Graham Firth <Graham.Firth@BTinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40583] Re: Regens - again
Message-ID: <Pine.GS0.4.10.9905162026430.20119-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The regen competition sounds fascinating, although most of the circuits I have seen have been on the "simplest-possible" side of the coin.

For some alternative ideas, see some of the old Jones Radio Handbooks (predecessors of the Orr Radio Handbook) from the mid to late 1930s: superhetrodyne receivers with regenerative detectors and often regenerative RF amps at the front end to boost gain. I have also seen push-pull regenerative detectors with push pull RF amps ahead of them. Very little has been done controlling regen from the second gate of a dual gate FET.

While simple regen is appropriate to a contest, perhaps there is a whole field of research that may be useful to QRPers in the finer points of regen for both detection and amplification--not to mention narrow band filtering without a crystal in sight and without DSP.

-73-

LB, W4RNL

Date: Sun, 16 May 1999 18:36:01 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: cebik@utkux.utcc.utk.edu, qrp-l@lehigh.edu
Subject: [40584] Re: Good stuff at Dayton QRP Central
Message-ID: <373F6470.4C8CB0B2@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A heartfelt CONGRATULATIONS!! from the Far West Texas and
I must say, for all your efforts, explanations of antennas

and functions, and your How To web site, WELL DESERVED.
Carry on L.B.

73
Ray

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sun, 16 May 1999 19:09:34 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@lehigh.edu, na5n@rt66.com
Subject: [40585] Congratulations
Message-ID: <199905170109.TAA23901@rgfn.epcc.edu>

Paul, a hearty CONGRATULATIONS!! on your award and induction into
the QRP HOF. Well deserved, and from Far West Texas, many thanks
for all the assistance, guidance and patience. Well done.
73 Ray

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sun, 16 May 1999 18:16:08 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40586] Re: Pegasus Detractors
Message-ID: <Pine.SOL.3.96.990516181329.11329F-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well,

My mouse broke last night. Seems that it can't handle more

than a few G's before the switches quit working....

Bought one today.....installed driver.....spent well over
2 hours getting the stupid thing working and it's still just
working....

Now if this had been running a rig I'd be off the air.

Gimme knobs and switches any day! (Not counting contests!)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 16 May 1999 18:22:03 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: Ron Stark <ku7y@dri.edu>
Cc: qrp-l@lehigh.edu
Subject: [40587] Re: Pegasus Detractors
Message-ID: <19990516182203.C11687@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Sun, May 16, 1999 at 06:16:08PM -0700, Ron Stark wrote:
> My mouse broke last night. Seems that it can't handle more
> than a few G's before the switches quit working....

I really, really, **REALLY**, do NOT want to know.... ;)

=====

| | | |
|---------------|--|---|
| KC5TJA/6 | | - TEAM DOLPHIN - |
| DM13 | | Samuel A. Falvo II |
| QRP-L #1447 | | http://www.dolphin.openprojects.net |
| Oceanside, CA | | |

Date: Sun, 16 May 1999 18:23:30 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [40588] SoCal CWPN #2

Message-ID: <19990516182330.A12070@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I know it's a little late, but I've been /REALLY/ busy all day today. I just wanted to let everyone know that the SoCal CWPNet will be on frequency 7105kHz, +/- 5kHz depending on QRM/QRN/etc.

See you all then!

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Sun, 16 May 1999 21:28:01 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: wd4et@juno.com
Cc: qrp-l@lehigh.edu
Subject: [40589] Re: Inspired to build!
Message-ID: <3.0.1.32.19990516212801.007777b4@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 10:37 PM 5/12/99 -0400, Jeff WD4ET wrote:

-snip-

>Is the cyano-acrylate (Super Glue) bond for the pads reliable in the long
>term?

Jeff....I don't know, but I can tell you that the pads in the original radio, which is now over a year old, are still intact. In addition, that rig has traveled by USPS to Dallas, TX, flown to Socorro, NM, and traveled to Fenton, MI by USPS, without any pad damage, so I think it is quite reliable. Besides, once the parts are soldered in place, the glue doesn't make any difference anyway, as their leads would hold the pad in place.

Good question you raised, hope the answer is suitable.

72 and happy building.....Jim, K8IQY

>
>Thanks es 73, Jeff WD4ET in Jacksonville, FL
>

>-----
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
>or call Juno at (800) 654-JUNO [654-5866]
>
>

Date: Sun, 16 May 1999 18:30:10 -0700
From: Ron <rong@slip.net>
To: qrp-1@lehigh.edu
Subject: [40590] Dummy load designs wanted
Message-ID: <373F7122.4262@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There must be many good designs for a QRP 50 ohm dummy load...Can anyone post their favorites? I need to build one.

Date: Sun, 16 May 1999 21:36:02 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40591] Re: Congratulations
Message-ID: <002e01bea005\$a14b4d60\$2d1105d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I must have accidentally deleted the message with the names of the 1999 QRP HOF inductees. Who are they?

73 de Vince, VE3VFN.

----- Original Message -----
> Paul, a hearty CONGRATULATIONS!! on your award and induction into
> the QRP HOF. Well deserved, and from Far West Texas, many thanks

Date: Sun, 16 May 1999 19:37:16 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [40592] Re: Good stuff at Dayton QRP Central
Message-ID: <373F72CC.C89C4197@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

And finally, but by no means least, CONGRATULATIONS DAVE BENSON,
on your induction into the hallowed Hall of Fame. Well deserved and
thanks for your many contributions to all of us within the QRP
community.

73
Ray

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sun, 16 May 1999 20:45:16 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [40593] Re: Dummy load designs wanted
Message-ID: <199905170145.VAA25426@mail11.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I like the 50 ohm BNC computer network terminators that you can get
at computer stores for about \$3.00. I am not sure what they
are rated at, but mine will take 5w continuous for a few minutes
before getting really hot. It works FB.

Todd Atkins, K4MSW
Baton Rouge, Louisiana
<http://www.qsl.net/k4msw>

At 06:30 PM 5/16/99 -0700, you wrote:
>There must be many good designs for a QRP 50 ohm dummy load...Can anyone
>post their favorites? I need to build one.

>

Date: Sun, 16 May 1999 21:17:56 -0500
From: mahlon.r.haunschild@ac.com
To: qrp-l@Lehigh.EDU
Subject: [40594] Re: QRP-L digest 1459
Message-ID: <86256774.000C5F51.00@amrhm1101.ac.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Rich,

Those would almost certainly be Bristol spline setscrews. They're fairly common in the industrial tools market, but I wouldn't expect to find them at the local Builder's Square. Among other styles, Xcelite makes a series of Bristol spline bits for the "99" series hand tools. Try TechAmerica or Jensen Tools (which is where I got mine).

regards,

Mahlon - N4EEE

Date: Sun, 16 May 1999 15:49:15 -0500 (CDT)
From: PHILLIPS RICHARD <phillips@msoe.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40567] Bristol
Message-ID: <Pine.0SF.3.96.990516154115.16432A-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a Collins 75S-3C which uses splined set screws in all the knobs and shaft collars. Where can I get splined type screw drivers to remove or re-position these knobs (required for alignment)? These are not Torx (or is it Torqx) head screws. I have tried the local hardware stores, hobby shops and Sears. I also tried an automotive supply store (Napa). Most clerks give me a blank stare. I thought these were called Bristol screws years ago but I may be wrong about that. I know there are some Collins people on this list that can help me.

Thanks, Rich, AA9L

Richard Phillips
Lab Technician

Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

Date: Sun, 16 May 1999 22:50:39 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: wb3gck@yahoo.com
Cc: qrp-1@lehigh.edu
Subject: [40595] Re: Mounting ICs Manhattan Style?
Message-ID: <3.0.1.32.19990516225039.00f5afc0@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 07:56 AM 5/16/99 -0700, Craig WB3GCK wrote:

>Homebrew gurus:

>

>What's the best way to install an IC when building
>something "Manhattan" style?

Craig....I've mounted several 8 pin IC sockets that have machined pins by soldering a Manhattan pad to each pin. I start the process by setting the socket on two pads on one side, and one on the other, so that I have three points of contact. I solder one of the pad/pins. Then do the same for the other three. Once the three are attached, I solder the remaining 5 pads. When the 8 pads are attached, the assembly is glued to the substrate using a little bit of super glue under each pad. As with a single pad, I put the glue into the pad-substrate interface (where they meet) and let it wick under the pad, and continue for each pad. Each pin is soldered at about the 1/4 point of the pad, so there is enough sticking out for soldering other parts.

Kinda hard to describe the process. Maybe I'll draw a picture and add it to the web site.

72 and happy building.....Jim, K8IQY

Date: Sun, 16 May 1999 22:34:31 -0400
From: "BC" <bcrow@powerlink.net>
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40596] Re: I DO-DID-IT --- WITH WIRE / ROPE / TREES
Message-ID: <001e01bea00d\$cb658680\$96c59ad0@bcrow>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ah yes, the "flatlanders" are easily amused! Did I ever tell you about the time the worked Hawaii with 350 mw? No? Well, you see, I heard this KH6 calling, and...

73 de Bill, K1NIT

OAS (official antagonist station) assigned to all flatlanders pretending to be Mainers

-----Original Message-----

From: hamjoel@juno.com <hamjoel@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, May 16, 1999 12:37 PM
Subject: I DO-DID-IT --- WITH WIRE / ROPE / TREES

>hIGHest gang:

>

> A great step for kella and no big deal for mankind!!!

>back in Louisiana I tried and tried but couldn't do it on forty

>meters....

>well last nite I took my little wires and rope and got my 1k miles /

>watt... ssb

> I even did the unthinkeable... I went down to 1/2 watt out and worked

>bettern 1km/w.... ssb.... I realizzess this is no major big deal....

>however it is ssumthinn I did not think I could do on forty... and never

>could in louisiana....

> I guess being up heah in Maine-iac land helps....

>but dropping down to milli watts that nuts... but then it blends with my

>personality... :-)

> I guess 500mw is more intimidating than just one lone watt.... :-)

> My cajun mama got sso excited she jumped in the periogue and went up and

>down the bayou shouting ... the youngen did it with less than a watt....

>leaving the neighbors to guess just WHAT was it I did it with...

>

>well too much excitement got me tired

>joel kella

>sleeping in maine

>

>-----
>You don't need to buy Internet access to use free Internet e-mail.

>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

>or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 16 May 1999 22:42:23 -0500
From: mjfitz@uswest.net
To: qrp-l posts <qrp-l@Lehigh.EDU>
Subject: [40597] RS 3AMP SUPPLY NOISE
Message-ID: <373F901E.66866E00@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Doc, fellas:

I just got a RS 3 amp switcher. I find that it does make a little noise on 10 M. when using a random wire connected thru a tuner at my shack here. It isn't real strong, but undoubtedly it is there. Have not really checked other bands yet. Both the RS supply and the TT Delta II were plugged into the same outlet, and the supply was located a couple of feet from the rig and tuner...

For what it's worth...

Mike KI0AF Mo. Vly, IA

Date: Sun, 16 May 1999 23:47:52 -0400
From: Tom M <tjmc@erols.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40598] Ht 750 Pics from Tokyo HyPower
Message-ID: <373F9168.F036573F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry, but I forgot the actual pages for the pics of the HT750 from Tokyo Hy-Power;

This below page give you the main 750 page and a pic of the HT, (click on pic for a larger version)

http://www.thp.co.jp/amateur/idx_xcv.htm

This shows the antenna and load coils and the external mic, (click pic

for larger version)

<http://www.thp.co.jp/amateur/750opt.htm>

73
Tom

Date: Sun, 16 May 1999 22:56:42 -0500
From: mjfitz@uswest.net
To: qrp-l posts <qrp-l@Lehigh.EDU>
Subject: [40599] BAD WEATHER...
Message-ID: <373F937A.4544DF76@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ops--

Today was out with QRP rigs running on 15 (band sucked...) at family farm. Took HT along to listen to weather service because the sky looked a little "hinkey". Was out there a while and it started to rain, so I packed up and turned on the HT to listen to the weather service out of Omaha. They were reporting tornadoes on the ground south of me. Then I began to listen to the local repeaters. Suddenly I scanned across the local 2 M. repeater just in time to hear someone about 5 mi SW of me reporting a tornado on the ground headed NE...I looked up and there was the funnel headed right at my little QRP station, AND ME!!! Called it in for confirmation to the com center and told them it was headed in their direction. It missed me...I got out of there, but it did kill two people and injured many more here in western Iowa. It's amazing how the hair can stand up on a bald man's head...

Moral of the story: Even though you like QRP the most, a handi-talkie does come in handy, not only for your sake, but for the safety of others. And I sure got a big handshake and smile out of the Harrison county emergency coordinator when I showed up at the communication center to help out...

Still here...whew!!!

Mike KI0AF Mo. Valley IA

Date: Sun, 16 May 1999 21:00:53 -0700

From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [40600] SoCal CWPB #2 a wash!
Message-ID: <19990516210053.A12557@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, nobody at all responded this time, and I was calling CQ for almost a solid hour. All that work rerouting my antenna to be outdoors either didn't work at all, or just nobody was listening on the correct frequency... :(

Can I set up a sked with someone who lives close to me, so I can verify that I'm getting out at all with my new antenna setup? K6JMB, Jim Boyle, reported I had some pretty nasty QSB between Oceanside and Santa Cruz...

Thanks in advance.

```
=====
      KC5TJA/6      |                      -| TEAM DOLPHIN |-
          DM13      |                      Samuel A. Falvo II
      QRP-L #1447   |                      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Sun, 16 May 1999 21:17:17 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40601] HOFer's!, building, antenna launcher
Message-ID: <373F8A3C.4DF1@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, congrats to all the HOFer's! All deserving, and from me, a great big thank you for all your efforts to promote QRP.

Going to build the Vectronics cw filter tomorrow, and hoping it works well. After that, Im going to build Paul's regen and some night get on with it as the receiver and using my "Bare Essentials Xmtr.

My ol' High School ham buddy Scott WB5TLA and I went out to the mesa with the spud gun antenna chucker! We conducted some interesting tests. Loaded the gun with different pressures to see how far the projectile would travel. There are many different tree heights, so one has to know how much air to put in the cylinder.

40psi = 30'
60psi = 100'
80psi = 200'
100psi = 300'

Lets see, I wonder how tall those darn Redwoods get??

72, Tom WB5QYT..."Have spud will travel!"

Date: Mon, 17 May 1999 00:20:01 -0400
From: Russ Hines <radioruss@fuse.net>
To: sda@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40602] Re: Dummy load designs wanted
Message-ID: <373F98F1.1FADDD32@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

sda wrote:

>
> I like the 50 ohm BNC computer network terminators that you can get
> at computer stores for about \$3.00. I am not sure what they
> are rated at, but mine will take 5w continuous for a few minutes
> before getting really hot. It works FB.

Those BNC terminators are 1/2 watt... at least the ones I use are. ;-)

B.G. Micro has surplus circulator loads pretty cheap, around \$6 per, I think. About 15 watts good thru 3-4 GHz, N-male connector. Not bad.

73,
Russ
WB8ZCC

Date: Sun, 16 May 1999 21:28:46 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: R Hayden <rhayden@dzn.com>
Cc: qrp-1@lehigh.edu
Subject: [40603] Re: bands
Message-ID: <19990516212846.A12622@dolphin.openprojects.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

On Sun, May 16, 1999 at 10:29:43PM -0700, R Hayden wrote:

> I tried to listen for you. I also tried to contact a guy in Baton Rouge
> La. just about 15khz up from your net. The whole thing was poopie (high
> tech term) from about 8pm my time (7 u) up 'til I turned the durn thing off
> about 10pm me, (9pm u) not much of anything moving except down on 12mtrs
> heard a bunch of dx.

This I figured. I heard a W4 station around the net frequency, and I tried
calling him. But no go -- the QSB and QRN were so bad, that he didn't
respond. I honestly think he was trying to call ME, though, because
whenever I tried calling CQ for the net, he would start calling CQ again.
Whenever I stopped, he stopped. But we never connected.

> Try again, I'm going to try during the week for this guy. He has a SW+40
> and hasn't been able to get out much, thought if I could contact him i'd
> drop the DX77 to 5w and go qrp-qrp. but no luck yet.

I, too, have an SW-40+.

> Rich kd5gwn qrp-l 1944

So THAT is the mystery man I heard almost right on top of me! :-) How could
you not hear me? You were quite readable on my end.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13         |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Sun, 16 May 1999 22:38:13 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [40604] Short Wave Listening Primer
Message-ID: <Pine.SUN.4.10.9905162120480.3078-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am getting email and phone calls wanting me to help identify what
station a newly built Desert Ratt or other flavor of regen is receiving,
and other questions about shortwave broadcasts in general.

For those of you not real familiar with the international shortwave

broadcast stations, here's a quick primer of what it's all about.

First, understand that in many parts of the world, there is not an abundance of AM and FM stations to listen to like here in the U.S., where we seem to have dozens in every city. And also understand, there are still many, many countries where all communication services, from radio to TV and telephones, are run by the government of that respective country. Therefore, in many, many countries, shortwave is the PRIMARY communication services for which the citizens use to listen to radio and news programming. Many of these are called "Domestic Services," which are generally 5-10KW transmitters for JUST servicing that country. Needless to say, these are often very weak in the U.S.

However, many countries have very powerful shortwave transmitters with effective radiated powers of 100KW to 1 megawatt not uncommon. These serve two main purposes:

- 1) Broadcast programs and news to their citizens located elsewhere in the world. Often this will be in their native language.
- 2) To spread the goodwill of their country, that is, to tell people in other parts of the world about their country, everything from their official stance on world matters to promoting tourism.

During the early to late evenings in the U.S., most foreign broadcast stations beam their signals and gear their programming for the North American listener, in both English, and in the native language for their citizens visiting or working in North America. The English language programs are often quite interesting, usually starting out on the hour with world news, then local news from their country or region of the world, followed by human interest stories, local music, etc. about their countries. Many stations also read letters from U.S. listeners during these programs.

Many of these "beamed to North America" programs are quite loud, as many of the major shortwave stations have transmitters in the Caribbean, or lease transmitter time from U.S. or Canadian stations. This is the case with the BBC, Radio Netherlands, Radio China International, etc., while others, such as NHK/Tokyo, Radio Australia, Radio New Zealand, R. Switzerland, etc. use transmitters in their own countries, and thus their strength will vary depending on conditions.

If you tune around and hear a short, repeating musical tune, or bells, chimes, bird whistles, etc., these are known as "interval signals." This is broadcasted for 5-10 minutes to allow the engineers to adjust the transmitters and antenna patterns prior to the scheduled broadcast. They are usually heard 5-10 minutes BEFORE the hour. So if you hear these, listen for a few minutes, as some station is about to sign on the air, usually with a lengthy ID with their mailing address, email, website, etc. You will also learn to recognize the interval signals

for each station after a while.

Unlike the AM and FM stations in the U.S., which sound all alike after awhile, the international broadcast stations all have a sound and personality of their own. After awhile, you will learn to ID a station just by their "sound," nature of programming, or recognizing the voices of the announcers (many whom are women).

To describe a few stations:

The BBC (my favorite) is the Rock of Gibraltar of news and shortwave programming. They have scarcely changed their sound or format over my lifetime, so they sound today very similar to what they must have sounded like during their famous World War II broadcasts. The quality of their news (on the hour) is unquestionably the best in the world. You will hear MAJOR news stories you wonder why Tom Brokaw didn't report on. At 1 minute before the hour, you will hear "This is London" followed by a short musical "logo," then the beep-beep-beep to signify the exact turn of the hour (the chimes of Big Ben on certain hours), then "And now the news from the world desk of the BBC. Here are the main points:" Following the news, their programming will cover everything from sports, music (Jazz for the Asking), political viewpoints (The American Agenda), yodeling contests, interviews with shipyard workers, how to milk an Ireland goat ... well, you name it, the BBC has done it.

HCJB, the Voice of the Andes in Quito, Ecuador are the longest continuously operated shortwave station in the world, with their antennas high on the Andes mountains for a good signal. While it is a religious station, it is pretty low key, with very interesting programs on South American culture, music, etc.

Radio Havana Cuba is our closest neighbor, and thus RHC always has a very strong signal. Turn off your political biases for a minute. RHC often has very interesting programs as well, being the dominant voice for Latin America, and thus have interesting programs on the culture, music, industry and happenings in Cuba and throughout Latin America. They have tirelessly given their viewpoints and kept Cuba in the main arena inspite of their embargoed isolation from the U.S. And Arnie Coro's (C02KK) "DXers Unlimited" on tuesdays and Saturdays is the only program I know of specific for hams, and he covers the hobby in great detail, from contests, propagation forecasts, building antennas and rigs, etc. And he starts and ends his show with a CW ID!

Listen to these stations, plus those in Australia, New Zealand, Japan, Switzerland, Germany, the Netherlands, etc. They all have their own unique personalities and programming that are quite entertaining. It can be habit forming. It's a whole different world out there, and if you have children/grandchildren, let them listen to it also.

Many shortwave stations also QSL for reception reports. Many actually encourage reception reports because they want to know how well their signal is at your location, and how you enjoyed their programming. While they may not say this on the air, generally, if they give their mailing address during their ID, they are encouraging reception reports.

SOME QSL HINTS: I have 24 countries QSL'd with my Desert Ratt, and have almost a 100% success rate with getting a QSL card. Here's what I do. First, I prepared a reception report, photocopied, on 8.5x11. At the very top is the schematic diagram of the Desert Ratt, followed by a brief description how this is the radio I built from scratch and heard their station on it. That is followed by a short paragraph describing myself (age, occupation, etc.) and a little bit about where I live (the main culture, industries, the geography and climate, etc.). That is followed by the reception report form, which of course lists the date, times, and frequencies of their broadcast, with a short description of the programs heard, and try to include "I enjoyed your XXX program." I also try to include 2-3 different dates, and state I would appreciate a QSL card and any information they may have about their station. I have received QSL cards, in addition to program schedules, photos of their "antenna farms," a cloth station banner, etc. The point is, give them some useful information on not only their signal strength, but how you enjoyed their programming (after all, that's what they get paid to do), and share a little information about yourself and where you live. They get boring letters/reception reports from all over the world ... make yours different and personable. I.e., be a ham!

PS#1 - some QSL's cards from these stations are quite attractive.

PS#2 - Judges at the HamCom and PacifiCon regen building contest might give special consideration for the regen with a QSL or two!

Us hams have a "thing" about our radios, and shortwave radio in itself is just another extension of it for many of us. Try it - you'll like it.

72, Paul NA5N

Date: Sun, 16 May 1999 22:39:57 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [40605] List of Shortwave Stations (regen's)
Message-ID: <Pine.SUN.4.10.9905162112060.3078-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

NOTE: Display using a fixed-spaced font (Courier, monospaced, etc.)

Listed below are the dominantly strong stations as heard on my Desert Ratt and a 30-ft. wire antenna. Frequencies verified by my FRG-100, and "Monitoring Times" for program times. Those listed are only the very strong stations, beamed to the America's, and in the English language. You may hear others. By noting the "order" of the stations, you should be able to identify which band you are on, and to calibrate your tuning dial. Strong stations NOT listed include the Voice of America and a host of US religious stations, with gobs of frequencies too numerous to list. They are beamed outside the US, and thus their signals will be strong or weak depending on which side of the "beam" you are on. Most shortwave stations have a lengthy ID with addresses on the hour and half-hour, and generally you can figure out who they are after only a few minutes of listening. (Except Rev. Gene Scott - he goes on forever!)

If you can find the BBC or Radio Havana Cuba, your regen is working!

*** 49-METER INTERNATIONAL SHORTWAVE BAND ***

| FREQ | STATION/Location | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600UTC |
|-------|--------------------|--------------------------------------|----------------------|-----------------|------|------|--------|---------|
| 5.810 | KAIJ Dallas, TX | XXXXX | <--- | Rev. Gene Scott | --- | > | XXXXXX | |
| 5.935 | WOCR Nashville, TN | XXXXX | <--- | Rev. Gene Scott | --- | > | XXXXXX | |
| 5.975 | BBC World Service | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | |
| 6.000 | Radio Havana Cuba | | XXXXXXXXXXXXXXXXXXXX | | | | | |
| 6.040 | Duetsche Welle | | XXXXX | | | | | |
| 6.100 | Duetsche Welle | | | | | | XXXX | |
| 6.110 | NHK - Radio Japan | | | | | | XXXX | |
| 6.165 | R. Netherlands | XXXXXXX(0130) | | | | | XX | |
| 6.175 | BBC World Service | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | |
| 6.185 | Duetsche Welle | | | | | | XXXX | |

*** 31-METER INTERNATIONAL SHORTWAVE BAND ***

| FREQ | STATION/Location | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600UTC |
|-------|---------------------|--------------------------------------|----------------------|------|------|------|----------|---------|
| 9.550 | Radio Havana Cuba | | | | | | XXXXXXXX | |
| 9.560 | R. China Intl. | | | | | | XXXX | |
| 9.590 | BBC World Service | XXXXXXXX | | | | | | |
| 9.640 | Duetsche Welle | | | | XXXX | | | |
| 9.690 | R. China Intl. | | | | XXXX | | | |
| 9.700 | Duetsche Welle | | XXXXX | | XXXX | | | |
| 9.745 | HCJB Quito, Ecuador | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | | | | |
| 9.820 | Radio Havana Cuba | | XXXXXXXXXXXXXXXXXXXX | | | | | |
| 9.830 | Radio Havana Cuba | | | | | | XXXXXXXX | |

| | | | |
|-------|-------------------|--|------------------|
| 9.835 | NHK - Radio Japan | | XXXXXXXXXX |
| 9.845 | R. Netherlands | | XXXXXXX(0130) |
| 9.850 | Voice of Russia | | XXXXXXXXXXXX |
| 9.875 | Voice of Russia | | XXXXXXXXXXXXXXXX |

=====

NOTES:

BBC - British Broadcasting Corporation, London. Transmitters for North-South America are located in the Carribean. Antigua? The 6.175MHz is generally much stronger than 5.975MHz Listen for the goofy, err I mean Oxford accent :-)

R. Netherland transmitters are located on Bonaire, the Carribean Duetsche Welle - Germany ("DOYcha Vella") using local transmitters

R. China International - very loud; uses R. Canada transmitters. If you hear a loud Chinese language program at times other than listed above, it's these guys.

Radio Havana Cuba has consistently strong signals into the US Don't forget to listen to Arnie Coro, C02KK on "DXers Unlimited"

Rev. Gene Scott is several places per band; weird evangelist with distinctive, slow-speaking hokie delivery. If you hear a guy tying the resurrection to the power of the pyramids -- that's him!

HCJB "The Voice of the Andes" - antenna's are at 12,000 feet! Strong.

Your mileage may differ. Times subject to change without notification. Do NOT consult your local cable listings for play times. :-)

Hope this helps.

72, Paul NA5N

WPE0DRZ ... anyone else got a WPE call?

Years ago, like in the 1960's, POPULAR ELECTRONICS issued call letters to shortwave listeners, which were used for years and carried some measure of "clout" when submitting reception reports for QSL cards.

Date: Sun, 16 May 1999 22:42:49 -0600
 From: "john a. evans" <jaevans@codenet.net>
 To: qrp-1@lehigh.edu
 Subject: [40606] W6MMA SLV & SLX Q's
 Message-ID: <373F9E48.E26AB43B@codenet.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

Greetings,

Well, not being able to get into Pennsylvania with my wire antenna in Cheyenne forced me to at least dig up the SLV parts I obtained a year or so ago. Anyway, the 80m coil I got from W6MMA does not have the unused portion of the coil shorted. Any reason to do this versus leaving it open at QRP levels?? Also, I need to build the antenna here - any preference toward the SLV versus the SLX?? I can make both and probably will.

tnx es 72 - john - n0hj

Date: Mon, 17 May 1999 00:43:27 -0500
From: mjfitz@uswest.net
To: qrp-l posts <qrp-l@Lehigh.EDU>
Subject: [40607] MORE REGEN
Message-ID: <373FAC7F.B09172C0@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brewers--

Paul is right. Regens are GREAT SW rigs. I often listen to Radio Australia's local broadcast to the Solomon Islands and Papua New Guinea in pidgin english on the 31 M band (if I'm up) with the high-perf regen (from Kitchin's QEX article) that resides on my nightstand. It is on 9700 KHz and you've got to have A RADIO to separate it from the high-powered stations right next door, only 10 or 20 KHz away...I lie there, in my little bed, dreaming of lying on the south-seas beach, while eating roast pig and drinking the local brew out of a half-shell coconut while being fanned with palm leaves by scantily-clad beauties... If you listen to the pidgin english long enough you kinda get the drift...it is very entertaining. This broadcast begins at 0900 Zulu, so I often catch it after a trip to the fridge or bathroom...I'm addicted to listening to this rig.

BTW, if you adjust the regeneration past the critical point into oscillation (where it starts to squeal if not tuned dead-on with an AM station), you can easily hear where you are on a calibrated receiver, anywhere in the neighborhood...

Also, if you like SW listening, pick up a copy of "Passport to World Band Radio", which is published yearly and available at many SW rig dealers. The ARRL also has sold this in the past. It's about \$20 but

contains a complete up-to-date freq. guide and reviews on radios, listening tips, etc. It is the SW listeners "bible".

I'm writing up a review of said QEX article and rigs (have built both now) for the IA QRP Club newsletter, to be on-line in early July. Stay tuned...

Also, if you want a really high-class set of phones, get the Sennheisers, model HD 25 SP, in the TechAmerica catalog. They are higher impedance (85 ohms), very sensitive (105 dB) and work well. They are studio monitors, and priced accordingly, at \$130...

Mike KI0AF

Date: Sun, 16 May 1999 23:07:28 -0700
From: "Radman" <radman@best.com>
To: <rong@slip.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40608] Re: Dummy load designs wanted
Message-ID: <199905170606.XAA10799@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ron,

They're easy to cook up :-) Check your junkbox for assorted jumbo carbon resistors that will net 50 ohms -- place in sardine tin, add a couple of S0-239s and season to taste :)

But, seriously... I've had years of good service from my RS #21-506 dummy load, DC-500MHz, cylindrical heat sink design, rated at 15 W continuous and I've used it for a *lot* of SSB testing at 100W. (It may have a new part number now.) About 20 bucks at RS.

For flea-powered transmitters, the RS 50-ohm Ethernet terminators do a fine job. RS #278-270. Good for 0.5-1W, but can be pushed to ~ 3W or so at a < 50% duty cycle. Only \$2.19 ea. Careful, they can get pretty warm!

Have fun,

Conrad - NN6CW

There must be many good designs for a QRP 50 ohm dummy load...Can anyone post their favorites? I need to build one.

Date: Mon, 17 May 1999 16:54:51 +0900
From: jn2amr@a1.mbn.or.jp
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40609] Re: Re WBL paddles
Message-ID: <19990517165406jn2amr@a1.mbn.or.jp>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I wrote on May 4.

>"Perley Urquhart" wrote
>
>>Can someone send me the website address for WBL paddles please? Thanks,
>>Perley
>
>
>I don't know websiteaddress of WBL. I knew WBLDesign Paddles with K5FO's
>Home Page. (<http://www.qsl.net/k5fo/>)
>
>I saw description here, and sent the 'snail' mail.
>It was mailed on April 7. There is no reply by May 3.
>
>I' m sorry not to be useful for you.

An reply came from WBL design on May 17.
There were DATA of Model V22, a photograph and an order form in the envelope.
But, WBL has backorder for six months. However, I think that it is of value
to obtain even if it waits for six months. (How will you think?)

There is no photograph in "<http://www.qsl.net/k5fo/>" at present(May 17).

Yasuo Itoh (Nagoya,Japan)
Call: JN2AMR
QRP-L: #991
jn2amr@a1.mbn.or.jp

Date: Fri, 14 May 1999 17:30:46 -0400
From: "George F. Allgood" <k4pym@carol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [40610] Thanks and Tuner
Message-ID: <003301be9e51\$1c8b8dc0\$bbcbced0@204.116.183.2.carol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gents:

Two issues please:

1. Thanks to whoever posted the info about the QRP=-L Archive by Thread. It has changed my life. Before I spent just tooooo much time trying to keep up.
2. Does anyone have documentation on the MFJ -16010 Random Wire tuner? Picked up one in great condx at a hamfest, but no paperwork.

Tnx and 72
George K4PYM
Walhalla, SC k4pym@carol.net
George F. Allgood, K4PYM
125 North Lovingood Avenue
Walhalla, SC 29691

Date: Mon, 17 May 1999 03:42:46 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40611] Re: List of Shortwave Stations (regen's)
Message-ID: <199905170944.DAA07096@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

SW listening for asbout 25 years is what got me interested in ham radio. I first listened on an old old radio and then a heliscratcher s 120 and

several since then and now have a nother s 120 great change in listening to US radio stations. 72 Cal KF7ET

> From: Paul Harden, NA5N <na5n@rt66.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: List of Shortwave Stations (regen's)
> Date: Sunday, May 16, 1999 9:39 PM
>
>
>
> NOTE: Display using a fixed-spaced font (Courier, monospaced, etc.)
>
> Listed below are the dominantly strong stations as heard on my Desert Ratt
> and a 30-ft. wire antenna. Frequencies verified by my FRG-100, and
> "Monitoring Times" for program times. Those listed are only the very
> strong stations, beamed to the America's, and in the English language.
> You may hear others. By noting the "order" of the stations, you should
> beable to identify which band you are on, and to calibrate your tuning
> dial. Strong stations NOT listed include the Voice of America and a
> host of US religious stations, with gobs of frequencies too numerous to
> list. They are beamed outside the US, and thus their signals will be
> strong or weak depending on which side of the "beam" you are on. Most
> shortwave stations have a lengthy ID with addresses on the hour and half-
> hour, and generally you can figure out who they are after only a few
> minutes of listening. (Except Rev. Gene Scott - he goes on forever!)
>
> If you can find the BBC or Radio Havana Cuba, your regen is working!

>
> *** 49-METER INTERNATIONAL SHORTWAVE BAND ***
> FREQ STATION/Location | 0000 0100 0200 0300 0400 0500 0600UTC
> =====|=====

| | | | | | | |
|---------|--------------------|--|------------------------------|---------|------|--|
| > 5.810 | KAIJ Dallas, TX | | XXXXX<---Rev. Gene Scott--- | >XXXXXX | | |
| > 5.935 | WWCR Nashville, TN | | XXXXX<---Rev. Gene Scott--- | >XXXXXX | | |
| > 5.975 | BBC World Service | | XXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | |
| > 6.000 | Radio Havana Cuba | | XXXXXXXXXXXXXXXXXXXX | | | |
| > 6.040 | Duetsche Welle | | XXXXX | | | |
| > 6.100 | Duetsche Welle | | | | XXXX | |
| > 6.110 | NHK - Radio Japan | | | | XXXX | |
| > 6.165 | R. Netherlands | | XXXXXXX(0130) | | XX | |
| > 6.175 | BBC World Service | | XXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | |
| > 6.185 | Duetsche Welle | | | | XXXX | |

> =====|=====

>
> *** 31-METER INTERNATIONAL SHORTWAVE BAND ***
> FREQ STATION/Location | 0000 0100 0200 0300 0400 0500 0600UTC
> =====|=====

| | | | |
|---------|---------------------|--|--------------------------------------|
| > 9.550 | Radio Havana Cuba | | XXXXXXXXXX |
| > 9.560 | R. China Intl. | | XXXX |
| > 9.590 | BBC World Service | | XXXXXXXXXX |
| > 9.640 | Duetsche Welle | | XXXX |
| > 9.690 | R. China Intl. | | XXXX |
| > 9.700 | Duetsche Welle | | XXXXX XXXX |
| > 9.745 | HCJB Quito, Ecuador | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| > 9.820 | Radio Havana Cuba | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| > 9.830 | Radio Havana Cuba | | XXXXXXXXXX |
| > 9.835 | NHK - Radio Japan | | XXXXXXXXXX |
| > 9.845 | R. Netherlands | | XXXXXXX(0130) |
| > 9.850 | Voice of Russia | | XXXXXXXXXXXX |
| > 9.875 | Voice of Russia | | XXXXXXXXXXXXXXXX |

> =====
>

> NOTES:

> BBC - British Broadcasting Corporation, London. Transmitters for
> North-South America are located in the Carribean. Antigua?
> The 6.175MHz is generally much stronger than 5.975MHz
> Listen for the goofy, err I mean Oxford accent :-)
> R. Netherland transmitters are located on Bonaire, the Carribean
> Duetsche Welle - Germany ("DOYcha Vella") using local transmitters
> R. China International - very loud; uses R. Canada transmitters. If
> you hear a loud Chinese language program at times other than
> listed above, it's these guys.
> Radio Havana Cuba has consistently strong signals into the US
> Don't forget to listen to Arnie Coro, C02KK on "DXers Unlimited"
> Rev. Gene Scott is several places per band; weird evangelist with
> distinctive, slow-speaking hokie delivery. If you hear a guy
> tying the resurrection to the power of the pyramids -- that's him!
> HCJB "The Voice of the Andes" - antenna's are at 12,000 feet! Strong.
>
> Your mileage may differ. Times subject to change without notification.
> Do NOT consult your local cable listings for play times. :-)
>
> Hope this helps.
>
> 72, Paul NA5N
> WPE0DRZ ... anyone else got a WPE call?
> Years ago, like in the 1960's, POPULAR ELECTRONICS issued call letters
> to shortwave listeners, which were used for years and carried some
> measure of "clout" when submitting reception reports for QSL cards.
>
>
>

Date: Sun, 16 May 1999 10:08:49 -0400
From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <wb4mnf@atl.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40612] Re: Pegasus Detractors
Message-ID: <000301be9ff0\$91c00300\$394b9ace@hhurst>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My opinion of computer-controlled radios shouldn't upset anyone because I my only "Brand" radios are Ten Tec QRP rigs, I prefer simple kits or homebrew gear. I like my dinky little radios, a ricebox or a computer-controlled rig would spoil the fun -- at least for me.

What was the title of that QST article? "Low Power, Crummy Antenna"? I guess I've embraced the concept and revel in it.

Date: Mon, 17 May 1999 07:01:50 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: na5n@rt66.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40613] Re: Short Wave Listening Primer
Message-ID: <373FF71E.7290@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul and group,

What you say is generally true. I also like your Desert Ratt QSL idea, one that should help you get to 100 countries quickly! I would just like to point out that the SWL audience has a couple of magazines which are very useful both in describing what the stations do, their personnel, and their schedules. You can pick them up at your local bookstore. They are:

- Popular Communications, by CQ Magazine,
- Monitoring Times, by The Monitoring Times Group,
- and don't forget Popular Electronics and

Electronics Now.

A look through any of these will be very informative in trying to undersatnd what you are listening to. A reference book which I am not sure is published any longer is the World Radio-TV Handbook. It used to be published yearly and had information on every radio and TV service in the world! Since I have not been an active SWL in a while, check around to see if it is still going!

73

Date: Mon, 17 May 1999 07:16:51 -0400
From: "Dennis Brickey" <n4dd@preferred.com>
To: <qrp-l@lehigh.edu>
Subject: [40614] Fw: N4DD qrpptf report
Message-ID: <001e01bea056\$c4677a20\$9b0d1bd0@n4dd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's late, but better than never. This is Marty's, (KM7W) rendition of the N4DD qrpptf outting. We had great time and look forward to next year

73 Dennis/N4DD
qrpptf outting.
-----Original Message-----
From: Marty Watt <mwattcpa@earthlink.net>
To: Dennis Brickey <n4dd@preferred.com>
Cc: n4roa@mounet.com <n4roa@mounet.com>
Date: Friday, May 07, 1999 10:25 PM
Subject: Re: write up for the contest.

>QRPTTF 99 -- N4DD
>
>By KM7W
>
>Being the furthest member of Team N4DD, my QRPTTF started early. I had 560
>miles and a time change ahead of me! As I headed for the TN/VA/NC border,
I
>realized I was leaving the TN/AR/MS border (10 minutes away as opposed to
10
>hours away!). Don't guess there is extra multipliers for "borders run away
>from". I did make contact with a couple of Middle Tennessee QRPers on the

>trip up. They would be operating from Maury County, at around 1100 ft.
>
>Arrived at BaseCamp Kinsport later than expected, but still relatively on
>time. Thought about camping, but thunderstorms made the EconoLodge (TM)
seem
>much more attractive. The wakeup came early.
>
>Like any good QRP outing, food is the number one priority. After paying
>homage (and well over \$8.65) at the shrine of the Golden Arches (TM), we
were
>on our way. Luckily the Arches (TM) were directly across from N4DD's
antenna
>farm. The Taco Bell (TM) wasn't open at that hour.
>
>Two four wheel drive pickups transported the crew to the site. We drove up
>the interstate from Kingsport, Tennessee, exiting toward Damascus,
Virginia.
>Up and over the ridgeline, following the narrow gauge rail trail (Virginia
>Sleeper?). Cross the Applachain Trail a couple of times.
>
>>From there, the description from the corner marker survey report is
probably
>most accurate:
>
>PROCEED ALONG VA ROUTE 726 FOR ABOUT 1.6 MI (2.6 KM) SOUTH FROM US 58 AT
WHITE
>TOP GAP (THE WASHINGTON-GRAYSON VA. COUNTY LINE) TO WHITE TOP COMMUNITY (AT
>THE OLD RAILROAD CROSSING), THENCE WEST ALONG VA ROUTE 755 FOR ABOUT 0.7 MI
>(1.1 KM) TO END OF STATE MAINTENANCE, THENCE THROUGH GATE (USUALLY
UNLOCKED)
>SOUTHWEST AND SOUTH ALONG A ROAD GENERALLY FOLLOWING A RIDGE (THE TENNESSEE
>VALLEY DIVIDE) FOR ABOUT 2.25 MI (3.62 KM) TO AN OLD ROAD AND STATION ON
THE
>RIGHT, APROXIMATELY 50 FEET WEST OF THE NEW ROAD, ALONG AN OLD FENCE. SITE
IS
>ABOUT 0.5 MI (0.8 KM) SOUTH OF DR. SHIVES RESIDENCE ABOUT ON TOP OF THE
>HIGHEST POINT ON POND MOUNTAIN.
>
>And boy howdy -- what a "residence" it is at the top of the ridge! Last
>heard, it was for sale (with 100 acres) for \$250,000. Worth every penny in
my
>book ... Probably 2,000 square feet on two levels, glass all 'round, 340
>degree unobstructed view. 25kW generator housed about 150 yards away, all
>utilities underground. But not on the corner ... only on the border
>(Tennessee/North Carolina).
>
>The 40 mile drive took 2 hours. We arrived with a couple of hours to go
>before the contest began. Finding we had over 800 ft of wire, Dennis

(N4DD)

>and Dan (N4ROA) constructed the Tri-state Megaloop (TM), fed it with ladder
>line, and started fishing for tree limbs. Only one antenna-eating tree was
>spotted, and after many engineering efforts, we managed to keep the loop
out

>of the tree (or rather remove the loop from the tree!). The thicket of
>thistles under the tree were not friendly in our efforts. The combination
of

>the antenna-eating tree and the people-eating thistles were mighty in
battle,

>but we overcame them.

>

>The card table was set up on the "Dim Road" next to the fence row,
technically

>in Tennessee. The battery was placed directly on the stone which housed
the

>corner marker. The antenna traversed all three states. I would have used
my

>camp chair, but my camp chair was left in my car, at BaseCamp Kingsport.

>

>Setup completed with 15 minutes to spare. Amazing how QRPers can stretch
>activity to fill the available time. The bugs were amazing. My bug spray
was

>left in my car, at BaseCamp Kingsport.

>

>Top rate was about 20 Qs/hr. Spent most of the time calling CQ, swapping
>between Dan's Kents and my WBL's. Dennis brought the Benchers, but we were
>already familiar with those, so the other two got good use. The secondary
>objective of the trip was to test the 115 AH battery with the Omni V. The
>setup worked superbly, and we figured the battery will last a complete
field

>day. Dan carried a 36 AH battery and solar panel as a backup. We did have
to

>quickly rig a connecting cable for the WBLs, though. My Phono Plug to
stereo

>jack cable was left in my car, at BaseCamp Kingsport.

>

>The OMNI V operated like a dream. The receiver was very nice, and the QSK
>could not be beat. Working with a speaker (as well as phones) was a nice
>contest change. The keyers were superb -- an MFJ as well as a CMOS II of
>Dan's. My CMOS II was left in my car, at BaseCamp Kingsport.

>

>By 4:00pm local we had a bunch of contacts in the log, and Cam showed in
the

>non-North American DX column. Perhaps the thrill of the day was working a
G0

>station across the pond. 40 seemed to be the band of choice, although 20
ran

>well and we all were relieved when 15 produced some contacts west of the
>Rockies about mid afternoon.
>
>During the contest, while someone kept the station manned, we drove up to
the
>"Residence" at the top of the mountain (Pond Mountain, Ashe County, North
>Carolina). What a majestic place. 4,927 ft elevation. Three or four
trips
>up there with us in different combinations. I swear sometimes we could
hear
>the morse echoing through the hills from the contest station. CQ TEST
QRPTTF
>de N4DD N4DD TTF ...
>
>I'm sure some of the guys out west had bigger elevations, but I suspect we
>took the east-of-the-Mississippi River altitude award. We had direct line
of
>sight to the three other tallest peaks in the Eastern US -- Mt. Rodgers
>(Virginia), Clingman's Dome (Tennessee), and Mt. Mitchell (North Carolina
and
>highest point in the Eastern US).
>
>Mid afternoon I realized I was getting sunburnt. It was cloudy, but our
4,628
>ft. elevation (3,500 ft above average terrain) did a number. I was even
>wearing a mock turtle neck shirt with long sleeves. My hands and face were
>burnt, and I spent the next week fighting sun poisoning. Lesson learned.
>Use sunscreen, needed or not.
>
>After the contest we struck the Tri-state MegaLoop (TM) and began reeling
>wire. Ever reeled 800 ft. of wire? N4ROA will tell you it ain't easy, and
we
>even had a secret weapon.
>
>Once the station was secure, we began the long journey home, getting back
to
>civilization (Abingdon, Virginia) and the Burger King (TM) about 10:00pm
>local. Being the cheapskate that I am (aren't all QRPers basically
cheap?), I
>decided to forgo an hotel room, and instead drove immediately back to
Memphis
>and home, arriving at 6:30am Sunday morning. My 36 hours had covered
>Tennessee from corner to corner. Lots of operating time (I had the slow
code
>at about 23 wpm) for all, and lots of fun. Politicians in Tennessee are
fond
>of "representing all Tennesseans, from Mountain City to Memphis", but I
doubt

>many have driven it twice in 36 hours!
>
>While the "borders" theme has perhaps run its course for QRPTTF, I still
hope
>some sort of "border" field operation recurs. It is a great deal of fun to
>get outside with friends and share the "border" experience.
>
>Some may have scored higher than us, but I seriously doubt more fun was had
by
>any.
>
>FINAL SCORE = __820__ X _65__ X __4_ X ____ X _3__ = _639,600__
PTS
> QSO Pts SPCs Location DX Borders
>--
>72 es 73 de Marty, KM7W
>-----

>Memphis, Tennessee
<http://home.earthlink.net/~mwattcpa>
> VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid
EM55ce
>CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a
Vengeance"
> Member -- Tennessee Contest Group
>

Date: Mon, 17 May 1999 13:20:24 GMT+1
From: "Jascha Ruessler" <Ruesselj@Mailer.Uni-Marburg.de>
To: qrp-l@lehigh.edu
Subject: [40615] Re: Short Wave Listening Primer
Message-ID: <199905171120.NAA41494@Mailer.Uni-Marburg.DE>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi,

you wrote:

>A reference book which I am not
>sure is published any longer is the World Radio-TV Handbook. It used to
>be published yearly and had information on every radio and TV service in
>the world!

it is still around. also try Passport to World Band Radio (PWBR). Try amazon.com for obtaining these two excellent swl references.

73

jascha

Dipl.-Psych. Jascha Ruesseler

Experimental and Biological Psychology

Philipps-University Marburg

Gutenbergstr. 18

35032 Marburg

Germany

T.: +49 06421 283950

Date: Mon, 17 May 1999 07:38:37 -0400
From: RON TODD <k4wz@bellsouth.net>
To: QRP POST <qrp-1@Lehigh.EDU>
Subject: [40616] DX
Message-ID: <373FFFBD.DCAF7A11@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Worked a good one this AM. NH0E Mariana Islands June on Saipan. Got a 559 during a pile up. I used a Sierra with 1 watt to a 3 ele beam up 100 ft. I am haveing FUN. Ron

Date: Mon, 17 May 1999 06:12:30 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: na5n@rt66.com, qrp-1@lehigh.edu
Subject: [40617] Re: List of Shortwave Stations (regen's)
Message-ID: <374007AE.15EB4A0A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WPE4AVY - 1958-59 time frame

I might also add that for those interested in SWLing and don't subscribe, might look at the local magazine emporiums for

Monitoring Times and Popular Communications both of which have extensive SW BC listening guides/frequency listings in addition to all of the other funny stuff in between the SWBC bands.

Thanks for the postings Paul.

73 Ray

####

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Mon, 17 May 1999 08:54:35 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <wlreed@viaduct.custom.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [40618] Re: Microprocessors imbedded in radios

Message-ID: <008001bea064\$a15923e0\$9001a8c0@mikey>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

>Seems like we are approaching the point where one could imbed an
>[inexpensive] pc in a small radio and do it with little more cost than
a

>microprocessor. Then the trick is to find useful things for the
monster to

>do. Perhaps it could translate your e-mail to CW?

>

>Wayne, K9NE

>wlreed@custom.net

Once you add any micro to a circuit, it's now cheaper to add features in software than hardware. Front dials, switches, whatever. It's just a software change.

What amazes me is the incredible waste that manufacturers exhibit when they do this. They have more processing power available than most banks had back in the 60's in that little box, and 99% of the time

it's doing precisely nothing. It would cost just one time effort to do things like 'tx' timers. (Hey, RS did that on the HTX-242, but wouldn't a visual timer tick while transmitting have been REALLY neat?) or at LEAST a 5v TTL serial line to the processor.

I can't believe that EVERY SINGLE SCANNER out there with a processor in it doesn't have a serial interface of some kind.

Mike Yetzko
N1DVJ

Date: Mon, 17 May 1999 10:12:53 -0300
From: "=?iso-8859-1?B?TWf1cu1jaW8gVGliaXJp5+E=?" <tibirica@mandic.com.br>
To: <QRP-L@LEHIGH.EDU>
Cc: "Chuck Adams" <adams@ticnet.com>
Subject: [40619] Getting started again.
Message-ID: <001501bea067\$0c518fa0\$ab6be7c8@yyyyyy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi, all !

I'm PU2NGL, a novice since 1981 ("PU" is an exclusive prefix for novices in the PY land). Some ups and downs made me get rid (not get rig) of my rig, HW-9, etc. etc. Now, it seems that I'm seeing a light in the button of the tunnel (is this the way you say that ?) and I'll have a chance to get started again. I'm looking for a TRX 40 (QRP, or course) assembled, inexpensive, no matter how simple it can be.
Does anyone can help me ?

Best 72

Mauricio Tibirica - PU2NGL
S o Paulo/SP - Brazil
e-mail: tibirica@mandic.com.br

Date: Mon, 17 May 1999 08:13:27 -0500
From: "Bryan Turner" <turnerw@email.uah.edu>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, Wa2ocg@aol.com
Subject: [40620] Re: Address for K0EVG
Message-ID: <199905171312.IAA23895@email.uah.edu>

Callsign searches are at:

http://gullfoss.fcc.gov:8080/cgi-bin/websql/prod/efpa/forms/610/610_License_Search2.hts

<http://www.qrz.com/i2.html>

http://www.buck.com/cgi-bin/do_hamcallexe

73 Bryan W8LN

> Does anyone know the current address for the real K0EVG?
>

Date: Mon, 17 May 1999 09:20:02 -0400
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40621] desert ratt
Message-ID: <37401782.7A494725@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

i know i should have been paying attention, but i am involved in too many projects..

can someone give me a url or something on this desert ratt? i should have watched the thread, but i was doing something else..

thanks in advance..

--

peace,

sergio

<http://www.bright.net/~sruiz>

"the village buzz"

Date: Mon, 17 May 1999 08:23:42 -0500
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40622] Re: Short Wave Listening Primer
Message-ID: <199905171322.IAA24453@email.uah.edu>

The World Radio TV Handbook is still around, but a lot has been cut out. I stopped buying it after they cut out most of the television information, and they ruined the organization of the book by listing a country's domestic and international stations in two places. (Makes it kind of hard to find info if you don't realize that many shortwave stations are considered domestic services!) I used to buy this every year, but the quality has fallen (and the price has risen).

The Passport to World Band Radio is good for programming listeners, but it is not a comprehensive reference. This book is a lot like TV Guide for shortwave, with some reference material.

Beware - many stores continue to sell outdated issues until the old stock is depleted.

73 Bryan W8LN

Date: Mon, 17 May 1999 09:25:01 EDT
From: Bigbob97@aol.com
To: QRP-L@lehigh.edu
Subject: [40623] Regens
Message-ID: <5a1d59df.247172ad@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Although the Regen tuning is rather touchy, you can easily copy SSB and CW on 40 meters - quite well. BUT don't try moving your hand of any other part of your body as the capacitance changes very easily. Naturally, the bigger we are (hi hi) the more the capacitance changes ! 73,
Bob WB2DHK in Jersey City, NJ

Date: Mon, 17 May 1999 09:45:24 -0400
From: "Mike Yetzko" <myetzko@insydesw.com>
To: <WD6BOR@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40624] Re: Soldering station on sale.
Message-ID: <027b01bea06b\$84cb1880\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My first question would be are they plated tips? If not, then I wouldn't bother with it. I have a good Weller station, and while I've bought extra tips for it over the years, I ended up giving most of them away to people foolish enough to file their tips or otherwise abuse them. I keep some good tips, down to an incredible 1/64" chisel tip (Yeah, a CHISEL!) in a drawer, and I have yet to throw out a tip, since 1979.

Mike Yetzko
N1DVJ

>MCM Electronics has temperature controlled soldering stations on sale now
>through May 28. The soldering station is a Tenma, catalog number 21-147, and
>is \$49.95. I use the Tenma soldering station with the digital readout in my
>electronics class but this one uses a LED bar graph for temperature readout.
>Both stations are basically the same with a 48 watt max temperature
>controlled iron. The replacement irons run between \$11 and \$12, and the tip
>are under three dollars each. I have gotten very good service from these
>stations over the past couple of years and use one on my own bench. MCM
>occasionally has their digital station on sale for \$59.95 to \$69.95, but they
>are not always advertised in all the magazines. I find their ads in
>Electronics Now, Popular Electronics and Nuts & Volts. MCM's phone number is
>1-800-543-4330, and the source code for this sale is ENS58.
>
>72,
>Darrel, WD6BOR
>

Date: Mon, 17 May 1999 07:54:45 -0600
From: "Rod Cerkoney" <rlwc@frii.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [40625] Operate in Switzerland ?
Message-ID: <003b01bea06c\$d4d69f60\$808611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks, especially our European members:

I am traveling to CH, Geneva & Rhinefelden, in Aug. I am thinking of bringing a rig with me. I have available for travel a NorCal 40A, NorCal 20 and my VX-R5 HT.

Can the 40A handle the RF conditions in Europe?

I know the 20 can handle "Euro RF" condx, but I'll likely only have time to operate at night. Any activity on 20 that I can tap into with a dipole in a hotel room?

Would the HT be a better choice? Are there many repeaters in CH that I can access?

Or, should I just forget the idea, leave my radio(s) home and go out to enjoy the wine and food instead? ;-)

72/3 Rod, NØRC
Fort Collins, CO
arrl, qrp-1, qrp arc1, fists, norcal, cqg
da di dah

Date: Mon, 17 May 1999 10:34:29 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu

Subject: [40626] Re: sm0vpo's regen
Message-ID: <199905171518.LAA16349@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> I just built a rx using Harry's regen found on:
> <http://hem2.passagen.se/sm0vpo/rx/regenrx.htm>
>

Thanks for the tip, Bob!

The dual gate mosfet regen I was trying to make work, just wouldn't co-operate, so took a look at the sm0vpo one. Couldn't be simpler. Gave it a try on the the "Regen development breadboard" and it does work great!

I have a jfet preamp on it and in addition to the 100 ohm emitter resistor Bob suggested, used an audio transformer instead of a big 30 mhy choke. Pretty amazing what so few parts can do :-)

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Mon, 17 May 1999 11:23:26 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: kd1jv@moose.ncia.net
Cc: qrp-l@lehigh.edu
Subject: [40627] Re: 2N2/40 IF amp
Message-ID: <3.0.1.32.19990517112326.006de078@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 12:35 PM 5/15/99 +0000, Steve, KD1JV wrote:

>
> Had a couple of problems with the IF amp. (had a couple problems of
> my own making, but no need to get into that :-)
>
> I found the biasing on Q6 to be very sensitive to power supply
> voltage. A change in power supply voltage one volt one way or the
> other would move it from being saturated or off completely.
>

>After much head scratching, I found a simple fix. I put a 1n4148
>diode from the base of Q6 to ground (cathode to gnd) and changed the
>bias resistor R21 so there is about 1/2 the supply voltage on Q6's
>collector. I ended up with 6.8K. Now I can vary the supply from 8 V
>to 14 V and the IF amp stays biased linear.

Well I know what the problem is. The final schematic diagram did not get published in QRPP, but a previous version. The latest version has a 47 ohm resistor in parallel with a .2uF capacitor in the emitter of Q6 to solve the bias sensitivity problem. Preston found that problem when he was building his rig, and I made the above change to solve it. Using my approach will allow the i.f. amplifier to operate over the voltage range, nominally that you've got, using a different but also good approach.

Sorry the mistake in QRPP happened, but that's life I guess. I'm now looking for other areas where the QRPP schematics are different from the final and will post to the list if I discover anymore. BTW, the schematics on my web site are the very latest.

>

>The other problem is the IF amp has a bucket load of gain and was
>oscillating with the 820p cap across R23. 220p was the biggest I
>could go with out stability problems. Could be the layout, the
>different transistors, or the fact I wound T9 on a BN-43-2402 balun
>core. (T7 and T9 ended up fairly close to each other, so I used balun
>cores to reduce pick up between them)

I suspect you meant to say T7 and T8, the i.f. stage input and output transformers. More than likely the transistor difference and core proximity are the culprits in causing the stability problems.

>

>Otherwise, everything worked great. I get the rated sensitivity of 0.2
>uv's, it's so quiet you don't know its on until the antenna is
>connected.

That's what I've been telling folks for a long time. It sounds virtually dead quite until the antenna is connected.

Glad you built the receiver Steve. Thanks for the feedback.

72 and happy building.....Jim, K8IQY

Date: Mon, 17 May 1999 08:34:03 -0700 (PDT)

From: Ted Beach <tedbeach@yahoo.com>
To: qrp1 <qrp-1@lehigh.edu>
Subject: [40628] Switchers
Message-ID: <19990517153403.25080.rocketmail@web608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi, gang

And I certainly hope everyone enjoyed Dayton -- I had to stay home 8>(

I have been following the thread on the rs switcher, and thought I would throw out another option for your consideration. A couple of months ago BG Micro had a switcher for sale at \$8.95 which was obviously for a laptop computer. It was sold as "18.0 V, 2.3 amp" The unit I bought was marked "18.0 V 2.0 amp" and had an open circuit [works with no-load!] voltage of 17.98 volts. This dropped to around 16 volts with a 100 mA load and held pretty well at this point at about 2.5 A.

I guess the reason BG Micro had these is that they are UNDERVOLTAGED, which might just help for a battery charging supply!

Their latest catalog shows PWR1021 on page 8 as a "16 volt 2.3 amp" switcher at \$6.95!!! Grab it! I am not positive this is the same unit I bought, but it is probably well worth the price. Needs a computer style ac cord.

When I opened the case [it's glued!] I found no adjustments, but it is probably similar to the RS device. Input ac is from 100 to 250 V 50-60 Hz with no adjustment required!

BG Micro's web page is <http://www.bgmicro.com/> and they have a order number at 800 276 2206

Usual disclaimers from

Ted Beach
K4MKX

Do You Yahoo!?

Free instant messaging and more at <http://messenger.yahoo.com>

Date: Mon, 17 May 1999 10:36:12 -0500
From: Karl.Kanalz@optelinc.com
To: HWRM1SS@aol.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40629] QRP SILENT KEY Administrator
Message-ID: <86256774.00561243.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Since I am approximating my demise, leaving this mortal coil (high inductance!)
in about 27 years, please implement a notification of my passing at your
earliest
convenience (should you survive me!).

I'll be leaving behind:

Heathkit AT-1 in mint condition (it's a 9.7 out of 10)
Heathkit DX-35 transmitter
Johnson Viking Adventurer
Drake 2NT transmitter w/ Drake 2B receiver
Hallicrafter SX-114 receiver
Ten-Tec 1340 QRP transceiver
Ten-Tec 1330 QRP transceiver (not yet built)
Icom IC-781 (variable output down to about 3 watts)
Yaesu FT-1000D (variable output down to 6 watts)
Henry 2K amplifier
Henry 3K amplifier
FT-890 mobile rig (with mobile groundplane - '96 Chevy pickup)
and more ham radio junkie than you can haul in a single truck load!

Contact my soon-to-be widow for details of cleaning out my third-car garage
"warehouse"!

Karl K - W8TIF
McKinney, Texas

Date: Mon, 17 May 1999 10:40:15 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40630] Norcal 20 kit for sale
Message-ID: <008a01bea07b\$8f690a80\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

I have an original Norcal 20 kit for sale. I only opened it to do a checklist of all parts. Not going to have time to build this one. \$120 shipped continental US (OK, can't remember what the kit cost, just want cost + shipping)

72
Jeff, AC4HF

Date: Mon, 17 May 1999 10:38:47 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [40631] For Sale Items
Message-ID: <3.0.3.32.19990517103847.0094e180@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have two (sorta QRP related) items for sale:

1. Radio Shack DSP-40 audio signal processor in original box with service manual (contains complete schematic) and copy of review that appeared in the July 1994 QST. This is a brand new unit; power hasn't even been applied to it! I thought that I had a use for it, but now I've changed my mind. Shipped to your door in the US or Canada for \$50. (Yeah, I know that these were on "close out" a year or so ago for \$29.95 or some such, but I paid more than that for it ... and beside, RS no longer stocks 'em! OK ... make an offer!)

2. ISD 1000A 20sec. Voice Recorder/Playback IC with data sheet and sample circuits. Tested in a Ramsey Voice Recorder unit, but otherwise unused (yes, it worked...). Radio Shack part number RS 276-xxxx (darn! didn't write it down!). Listed in latest RS catalog at \$17.99. I'll ship it to your door in the US or Canada for \$15.

72, Larry W1HUE/7

Date: Mon, 17 May 1999 12:28:11 -0400
From: Paul Antoniewicz <pja@sofsol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40632] RE: QRP SILENT KEY Administrator
Message-ID: <213E5C009DFFD111AF93006008BFAB8E08DA29@ssi12>
MIME-Version: 1.0
Content-Type: text/plain

Would you care to do the estate sale now? That way your widow will not have to worry about the extra stuff when the actual time comes.

Paul KB9TNJ QRP-L#1903

Since I am approximating my demise, leaving this mortal coil (high inductance!)
in about 27 years, please implement a notification of my passing at
your
earliest
convenience (should you survive me!).

I'll be leaving behind:

Heathkit AT-1 in mint condition (it's a 9.7 out of 10)
Heathkit DX-35 transmitter
Johnson Viking Adventurer
Drake 2NT transmitter w/ Drake 2B receiver
Hallicrafter SX-114 receiver
Ten-Tec 1340 QRP transceiver
Ten-Tec 1330 QRP transceiver (not yet built)
Icom IC-781 (variable output down to about 3 watts)
Yaesu FT-1000D (variable output down to 6 watts)
Henry 2K amplifier
Henry 3K amplifier
FT-890 mobile rig (with mobile groundplane - '96 Chevy pickup)
and more ham radio junkie than you can haul in a single truck
load!

Contact my soon-to-be widow for details of cleaning out my third-car
garage
"warehouse"!

Karl K - W8TIF
McKinney, Texas

Date: Mon, 17 May 1999 10:59:47 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [40633] Brute Force Cure for NC20 Chirp
Message-ID: <3.0.3.32.19990517105947.00966aa0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I decided to try my original suggestion of using "double regulation" for the 8V reference for the NC20 VCO. This might be considered a "brute force" approach, but it works! And it will probably take less time than hand-picking an "acceptable" 78L08. The VCO output frequency now varies less than 5 Hz for supply voltages from 10.5V to 14V. No chirp what-so-ever! With just the stock 78L08, the VCO would shift 30-40 Hz for a 0.5V change in supply voltage and there was a noticeable "whoop" in the keyed signal tone. (Note that I'm using the higher op-amp gain suggested for use with 10T pots. VCO shift should be about one-half what I measured when using the "1T pot configuration" and might be acceptable.)

My mod consists of using a low-dropout regulator producing 10.2V to feed the 78L08. I also power the ALC amp from the 10.2V regulator so that the ALC voltage (and hence receiver RF gain) is now independent of supply voltage.

If you are interested in details, send me private email and I'll send them to when I get them written up!

72, Larry W1HUE/7

Date: Mon, 17 May 1999 13:06:49 EDT
From: FrConrad@aol.com
To: N2CQ@citnet.com, qrp-l@lehigh.edu
Subject: [40634] Re: FIREBALL RUN I
Message-ID: <61f2d50e.2471a6a9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To all,

Re: The Fireball 40 run on next Sunday. It might be a good idea if the club station and all other "Full Gallon" QRP types stay a clouple of KHz's off 7080 so that the single-frequency flea power specials have a chance for a quick QSO. I don't know about yours, but my Fireball 40 is a little hard to QSY. :-).

Also, the output on my barefoot model seems to be low. Although measuring that low a power on my OHR WM-1 is rather problematic. Any suggestions from you Elmers out there as to how to "peak" this baby.

John+

Date: Mon, 17 May 1999 10:23:23 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [40635] HamCom QRP List hits 80 signups
Message-ID: <01bea089\$f7cfb160\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Here is the latest list of preregistered QRPers who will be attending Hamcom June 11, 12 and 13 in Arlington, Texas at the Convention center. The NorTex QRP Club is sponsoring the QRP Weekend in conjunction with HamCom, and they have a great weekend planned. It starts off with a no host dinner Friday night at one of Texas' most famous barbecue restaurants, 4 QRP Forums with George Dobbs, Doug Hendricks, Chuck Adams and Paul Harden, all members of the QRP Hall of Fame. Following the lunch break, Jay Bromley and Vern Wright will do an Elecraft K2 demo out in the parking lot, and you will get your chance to operate a K2!! Saturday features a full lineup of QRP booths in the indoor flea market with booths by NorTex, NorCal, & G-QRP. Jerry Parker will be there with NorCal t-shirts, Dave Fifield will have Red Hot Radios to sell, and we will all have fun.

Saturday night is the NorTex/NorCal open house, featuring the Regen Building Contest with defending champion Bill Steitenroth there to defend his title, but it looks like there will be lots of entries, including a couple from England. The open house will be in Conference Room B at the Courtyard Marriott Hotel in Arlington. It is within walking distance of the convention.

There will be tons of prizes given away, and if you preregister by sending

me an email with your name and call and HamCom Badge in the subject line, you will be entered in a special drawing for a chance at winning a NorCal 20 kit with a special case made by Doug Hauff of San Luis Machine. This is a \$130 value prize so be sure to preregister, plus, I will make a special numbered laminated HamCom badge with your name and call on it. What a deal!! And it is all Free, NO Charge for any of the QRP events.

Here is the list of QRPers coming to HamCom.

1. Doc Drake - W5TB
2. Joe Spencer - KK5NA
3. Barbra Spencer - KK5QA
4. Doug Hendricks - KI6DS/M BIV
5. Jim Cates - WA5GER
6. Graham Firth - G3MFJ/W3MFJ
7. Tony Fishpool - G4WIF/K4WIF
8. George Dobbs - G3RJV
9. Ed Manuel - N5EM
10. Stuart Rohre -K5KVH
11. Larry Wise - KA5T
12. Jay Bromley - W5JAY
13. Chuck Adams - K5F0
14. Royce Rainwater - KE5TC
15. Paul Harden - NA5N
16. Jerry Parker - WA6OWR
17. George Pierce - WA5ABS
18. Glen Reid - K5FX/M BGF
19. Dub Thornton - WA5YFY
20. Clif Sikes - AB5UA
21. Dick Stemson - KK5X0
22. Vic Turner - WA6EIW
23. John Carter - W5LGO
24. Vernon Hatley - KK5RO
25. Burl Keeton - N5DUQ
26. Bob Hynd - N5URL
27. Jim Kortge - K8IQY
28. Jim Duffy - KK6MC
29. Kelsey Mikel - KK5KU
30. Vern Wright - W6MMA
31. Larry Brandon - K1ZW
32. Steve Lowrey - K5ATY
33. Keith Newman - K5YCM
34. Jonathan Setcer - KC5BRY
35. Larry Brandon - K1ZW
36. George Lee - KR5C
37. John Langridge - KB5NJD
38. Dan Copeland - N DT
39. Wes Spence - AC5K

40. Steve Yates - AA5TB
41. Ron Hambric - N5SBN
42. Alex Kaplinsky - K5UNY
43. Tom Stibal - W TJ
44. Bill Steitenroth - K5ZTY
45. Paul Smith - KD5DBO
46. Henry Schneider - W5HNS
47. Phil Salas - AD5X
48. Richard Kapalczynski - N5JI
49. Bob Helms - AF5Z
50. Dave Little - AF5U
51. Bill Pierrard - K5JHP
52. Bart Lawson - N5WL
53. Dave Martin - K5YFO
54. John Sanders - AB5ZR
55. Terry Myers - KQ5U
56. Veda Henson - KF6JHC
57. Norm Melick - KQ6SD
58. Robert Lucas, WD5IBX
59. Dave Fifield, AD6Y
60. Mike Gipe, K1MG
61. Tim Pettibone - K5OI
62. Scott Weathersby - AA5BK
63. Ted Kell - KC5CUW
64. Gary Hanson - KJ5VW
65. Ed Geiger - KD4AB
66. Justin McAllister - K5AEA
67. Brad Bradfield - W5CGH
68. David Kreinberg - NR3E
69. Oscar Hoyt - K5UBS
70. Charlie Crouchet - WA5KRF
71. John Moore - KK5NU
72. Junius Fox - W5HIR
73. Bobette Doerrie - N5IS
74. Jerome Doerrie - K5IS
75. Lee Bahr - W VT
76. Paul Conant - WQ5X
77. Todd Foster - KD5FUF
78. Gody Siason - AC6UV
79. Paul Conant - WQ5X
80. David Conant - KD5CPT

See you there!! 72, Doug

Date: Mon, 17 May 1999 09:14:29 -0700

From: Gary L Surrency <gsurrency@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [40636] Re: Dummy load designs wanted
Message-ID: <19990517.101925.-3959163.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I too, recommend the R/S 15w dummy load. It is very small, rugged, and will take short term RF blasts at 100 w with no long term change in resistance. It does change resistance some when it gets really hot, but it has always returned to 50 ohm +/- 2 ohms when it cools.

I got mine 7-8 years ago when they used to carry them in the store.

Unless you really have a desire to "roll your own" dummy load, I don't think you can beat this little gem. You'll have to get it from Radio Shack's Unlimited (RSU) division now, but that doesn't take long at all.

It has 1.1 : 1 SWR from DC to 500 MHz, and a PL-259 plug permanently attached.

RSU pn. 11269479
\$21.99

Ask the store clerk to order it for you, or call 1-800-THE-SHACK. You can have it shipped direct if you like, and it only takes 2-3 days typically.

No connection to R/S. Just a satisfied customer.

Spend your free time building regens, K2's, or operating. Not building dummy loads! ;-)

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 17 May 1999 13:24:04 EDT
From: FrConrad@aol.com
To: rong@slip.net, qrp-1@lehigh.edu

Subject: [40637] Re: Dummy load designs wanted
Message-ID: <b4858e05.2471aab4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I get a kick out of building QRP Dummy loads.

The first question is what kind of connector you want to have--usually PL-259, BNC, or for the old Argos and such, an RCA plug.

Then, how much dissipation do you want. Then just use 2-watt carbon film resistors (NOT Wirewound which are reactive) and put the thing together.

1. The easiest and smallest package is to solder one 50-ohm, 2-watt resistor inside a PL-259 or BNC. You can put 5 watts into this until you let the smoke out of the resistor...or

2. Solder a half-inch copper pipe cap to your connector and put the following resistors inside a 1 to two inch piece of copper pipe: 2 100 ohm, 2-watt resistors in parallel will give 4 watts dissipation or, 4 200-220 ohm resistors in parallel will give 8 watts dissipation. Then solder on another pipe cap at the open end and you have a nice little dummy load that looks like a cartridge fuse on the end of a connector.

Have fun and don't burn yourself,

John+
WB6MFS

Date: Mon, 17 May 1999 12:55:13 -0500
From: Chuck Adams <adams@ticnet.com>
To: jn2amr@a1.mbn.or.jp
Cc: qrp-l@lehigh.edu
Subject: [40638] Re: Re WBL paddles
Message-ID: <3.0.3.32.19990517125513.0068bcf8@pop3.ticnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Thanks to Yasuo Itoh, JN2AMR, for pointing out the missing photos. I had a link to the old http address and now have it corrected.

If anyone finds missing links on my pages, please send me email direct and I will fix it. I think I have finally recreated everything that was lost over the past few months. I don't want to go through that again, not ever.....

Stan at WBL has a backlog on orders as someone noted of about 6 months. But I think that most people that have his paddles will agree that it is worth the wait. I know that you can't buy mine at any price. I do like them that much and use them when I do get time to get on the air....

<http://www.qsl.net/k5fo/>

and then move down to the W9WBL paddle link to get to the description and photos.

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

Date: Mon, 17 May 1999 11:07:58 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Cc: <Graham.Firth@BTinternet.com>, <g4wif@BTinternet.com>
Subject: [40639] HamCom Regen Building Contest
Message-ID: <01bea090\$321f4f00\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ahh, I see our friends Mr. Firth and Mr. Fishpool have been busy over the weekend working on their Regen entries for Hamcom. I too must confess that I have been doing some building this weekend. My regen has 5 band switched bands, and I do it by using the MFJ scheme. MFJ uses a 50 pF tuning cap and has a toroid with 4 molded inductors in series with it. Then, all that they do is switch in the molded inductors with the toroid to change inductance and change bands. Neat arrangement, and easy to do. Here is the coverage that I get with my regen.

Band 1 = 3.5 - 4.3 MHz.

Band 2 = 5.8 - 7.4 MHz.

Band 3 = 9.5 - 12.0 MHz.
Band 4 - 13.2 - 16.4 MHz.
Band 5 - 17.5 - 22.0 MHz.

It works gang busters, and with a short piece of wire I was able to copy WWV, Radio Havana, and of course, the BBC plus tons of other stations. I copied CW at 7.040 and on the 20 meter band at 9 PM.

Next job is to get it in its case. Oh, another hint. If you have an MFJ antenna analyser, use it to find out where you are on the band. I used it to find the band edges of my coverage. Worked like a champ.

I see where Graham is using anodized cases!! Hmn, is your silver anodized case sterling?? Remember Graham, that my wife is a silver smith!! Boy they are going all out over there and have me scrambling.

So Graham, my regen has 5 bands, and is a blast to use. Haven't had this much fun in years. 72, Doug, KI6DS

Date: Mon, 17 May 1999 12:01:03 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: Brian Buydens <buydens@duke.usask.ca>
Subject: [40640] Desert Ratt Questions
Message-ID: <Pine.OSF.4.05.9905171056360.31333-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was looking at the schematic (MS Word version) of the Desert Ratt and thought it would be an excellent radio to use to learn more about regens. My ultimate goal is to be able to point at any component in the diagram and be able to say why it is there. This is going to involve me asking what may seem to some like silly questions and I hope the group will indulge me. What I am planning to do is break the radio down into finer and finer pieces until every component is explained. This may involve several posts where I say things that are potentially wrong, and ask questions about the radio. If this is not appropriate for this group please let me know. If it isn't I am wondering if someone would be willing to indulge my questions privately.

Here Goes:

C1, C2 - Antenna coupling

Q1, R1 - RF Amp.

S1, LED, R18 - Power switch and indicator

Q6, Q7, Q8 - It says +2V regulator but how does this work?

C3, C4, RFC1, - Regen Stage. This looks like a Hartley osc.

R2, L1, C5, Is it really?

Q2, C6, R3, R4

R5 2 33uF caps. - Power supply filtering?

C7, C9, C10, - Coupling between stages

C11, C12, C13

C17

R5, R6, C8 - Emitter follower detector This includes an amp.

Q3, R7, D1 and a diode detector?

R8, R9, Q4 - 1st stage of audio amp.

R10 - Volume control

R12, R11, R13 - Signal splitter. Does it also amplify?

R14, Q5

R16, C14 - ?

U1 - Amp.

C15, C18, R17 - ?

C16

Once I am sure I am on the right track I would like to ask more detailed questions...

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
```

Date: Mon, 17 May 1999 13:11:38 -0500
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40641] Radio Pioneer Article
Message-ID: <199905171810.NAA01967@email.uah.edu>

The June issue of Astronomy has an article on radio astronomy pioneer John Kraus, W8JK. The article starts with a description of how he built a crystal radio as a boy, and how the crystal radio lead to his achievements. Talk about digging weak signals out of the noise...

You may have to look hard for Astronomy in books stores. If it's there, it's usually hidden in the UFO/Astrology/Art Bell section.

73 Bryan W8LN

Date: Mon, 17 May 1999 10:11:39 -0800
From: Alaska QRP Club - KL7AQC <akqrp@gci.net>
To: qrp-1@lehigh.edu
Subject: [40642] URL & E-mail Change - Alaska QRP Club
Message-ID: <v03007800b3660879da95@[208.161.166.169]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Due to a change in Internet Service Providers, our E-mail and web site have new addresses... Please change any links or bookmarks that you have pointing to our club... The old account will be turned off this week...

New URL & E-mail Addresses:

URL: <http://home.gci.net/~bhopkins/akqrp>

E-mail: akqrp@gci.net

The mirror site at QSL.NET has not changed:

Mirror URL: <http://www.qsl.net/kl7aqc>

Thanks for your help in making this a smooth transition...

72 - Bruce - KL7H

Alaska QRP Club - KL7AQC

Alaska QRP Club 10 Meter Beacon - KL7AQC / BCN - 28.282.28

Alaska QRP Club Web Site: <http://home.gci.net/~bhopkins/akqrp/>

Mirror Web Site: <http://www.qsl.net/kl7aqc>

Date: Mon, 17 May 1999 14:19:14 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: "QRP forum" <qrp-l@lehigh.edu>
Cc: "Mike Czuhajewski" <wa8mcq@erols.com>, <ki6sn@aol.com>
Subject: [40643] QRP Hall of Fame inductees for 1999
Message-ID: <199905171815.0AA08476@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My apologies to all who have heard this before; the information has been scattered all across qrp-l recently, but not yet in a posting that had this subject line. It's always been buried within something with another subject line, and it just occurred to me that some folks who have mail filters or who pick and choose what subjects to read from the html archives or a daily digest might not read the other postings that happened to contain info on the inductees. So here it is, a posting with a title that explicitly mentions the QRP Hall of Fame inductees for 1999. Hopefully this will get the word out to those who don't read the entire text of every qrp-l post :-)

The QRP ARCI is pleased to announce the 1999 inductees into the QRP Hall of Fame. They are, in alphabetical order:

Dave Benson, NN1G
L. B. Cebik, W4RNL
Paul Harden, NA5N

I don't think I need to go into any serious detail on any of these folks,

since they are well known to just about every qrp-er alive, and I'm typing this at work on my lunch hour and don't have the time or the disk files at hand to say much more right now anyhow :-)

Dave is well known as the proprietor of Small Wonder Labs, but he's not just a QRP vendor; he's been a true friend of the QRP community for years and years, with several rig designs and articles under his belt, some in QST, and an excellent design engineer. (He also served as the technical editor for the QRP Quarterly for a while after my own very brief reign in that position.) He also played a key part in one of the recent qrp-l Elmer projects, providing the rigs. We've been the beneficiary of his expertise for years and years, with lots more to come.

L. B. is the unquestioned antenna guru on qrp-l and gqrp-l. His expertise is unrivalled, and he has an absolutely excellent web page with a huge amount of material on the subject. He's been a popular speaker at QRP seminars around the country for several years. Some people have asked me privately if he's really a "QRPer" (whatever being a real QRPer means) and not just an antenna expert. My reply is that there are few things more important to QRPers than antennas, and he's always giving us a lot of information on them in QRP journals and seminars and mailing lists. Sure quacks like a duck from where I'm sitting :-). And here's the clincher--I have a piece of paper at home salvaged from my days back in Michigan, from 1970, which is a partial listing of the subscribers, payments, expiration dates, etc for the Milliwatt (National Journal of QRP), back in the days when I was associated with it--and his name is there as a subscriber!

Finally, Paul. He appeared on the QRP scene several years ago and has been making a big splash ever since. He's spawned rigs and contests and fun operating events, contributed huge amounts of info to qrp-l, wrote an invaluable reference book for QRPers and dozens of articles, and has deluged us with a huge amount of really fascinating information about solar behavior and its effect on radio communications. He's also an accomplished artist/illustrator, as anyone who reads QRPP (from NorCal) knows. He does really excellent drawings for them; sometimes a picture is worth more than a thousand words :-). Anyone who's ever met him knows his contagious enthusiasm for QRP. Paul is well on his way to becoming a "QRP national treasure" and a household word in the QRP community.

My congratulations to all of the inductees for 1999. All are truly worthy of the honor!

(Administrative note--the QRP Hall of Fame is an honor bestowed by the QRP ARCI on people who have made outstanding and long running contributions to the QRP community. The voting on nominees is done by a small committee within the QRP ARCI, with existing Hall of Fame members being offered the option of participating in the voting in the last few years. Although an honor bestowed by the QRP ARCI, membership is not required to be nominated

or inducted, or to submit nominations. The call for nominations goes out in the fall of each year, and inductees are announced at QRP Dayton.)

73 and queue our pea DE WA8MCQ
President, QRP ARCI

Date: Mon, 17 May 1999 11:35:39 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [40644] W5JAY and Ft. Smith Group to announce new kit this week
Message-ID: <01bea094\$100639c0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Had an hour long conversation with Jay Bromley last night. He was busy telling me all about the new kit from the Ft. Smith QRP Group and all the ways to use it. Be sure and mark your calenders for this week, because this project will be sure to generate a lot of interest.. Make sure that you have a \$10 bill ready, because that is the cost. He was going to tell me the rest of the details when his neighbor Cathy came over. You never saw someone end a phone call so fast in your life. But those of us who have seen Cathy understand why. She is much too good looking for Jay. So, Jay, when are you gonna announce this baby? I gotta have one for my regen project, in fact, I sure could have used it last night.

Group, you will like this kit, and everone needs one. 72, Doug, KI6DS

Date: Mon, 17 May 1999 19:25:33 +0100
From: "Andy" <gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [40645] Fw: [GQRP] Need Mic Insert Info Please.....
Message-ID: <000a01bea092\$a7eab9c0\$27488cd4@andy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Andy <gm0nwi@tesco.net>
To: GQRP CLUB <gqrp@onelist.com>
Date: 17 May 1999 19:25
Subject: [GQRP] Need Mic Insert Info Please.....

>From: "Andy" <gm0nwi@tesco.net>
>
>Hi guys ,
>
>yet another `plea for help with this one ` for ya all
>
>I have an Adonis 503G Base Mic, here, it's in need of
>repair, to the mic insert, and goose neck....
>
>As I'd like to try and keep the audio characteristics to the
>exact as before the mic got damaged, I'm lookin` for anyone
>who can give me either an address as to where to get the 503G's
>insert OR the address of Adonis themselves...
>
>Have hunted on the net and talked to local dealers by phone to no
>avail, so would as useal appreciate this one guy's....
>
>Here`s hopin` someone can help.....
>
>72 de Andy GM0NWI "Long Live QRP"
>gm0nwi@tesco.net
>
>
>
>-----
>ONelist: where real people with real interests get connected.
><http://www.onelist.com>
>Join a new list today!
>-----
>=== Via the mailing list of the GQRP Club
><http://www.btinternet.com/~g4wif/gqrp.htm> ===
>

Date: Mon, 17 May 1999 14:52:32 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [40646] No QRPP yet in ND
Message-ID: <199905171454_MC2-7601-3840@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Still no QRPp received yet. It's not a matter of the subs, as I am paid up for two years.

This has gotten me worried ^;(. Am wondering if perhaps some of the pony express horses have gone lame, or died?

Still see the occasional notice of guys receiving theirs, so maybe USPS is simply running behind. Fingers crossed here.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Mon, 17 May 1999 13:12:08 -0700
From: "Dasher, Mark" <DasherM@IRWIN.ARMY.MIL>
To: "'LIST - QRP'" <qrp-l@Lehigh.EDU>
Subject: [40647] Parts Stores in Orlando
Message-ID: <1A1C5F8ACE83D21181D20060081F34C613E51C@IRWEXCH12>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I will be in Orlando, FL from middle of June to end of July for a meeting. To pass the time, I will try to finish the 17m QRP rig I am working on - or give up and start drinking. Any part stores - other than Radio Shack - in that area?

Thanks

Mark - AD6GT

Date: Mon, 17 May 1999 16:20:22 -0400
From: "Timothy J. Strong" <kg2no@arrl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40648] NC20 Problem - Little AFA Audio
Message-ID: <37407A06.63DAB78C@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just completed section 10 of my NC20. Every section has worked up to now. When I press the AFA button, I can barely hear the AFA audio. This is with the volume turned to maximum and VR8 is turned fully clockwise. Turning TC1 doesn't seem to change anything, but because the audio is so low, I can't make out the CW to determine if TC1 changes the frequency readout.

I could not find the resistor for R54, so I replaced it with a 5.6 k resistor from the NorCal resistor kit. I had both a 5.6 and 6.8 k resistors so I arbitrarily chose the 5.6 k. Does it matter?

I hear plenty of hiss through the headphones, and touching a screw driver blade to VR4 (the right lead) and pins 4 and 5 of U4, as explained in sections 8 and 9.

So, does anyone have any suggestions as to where I should start to look? Do the turns on L1 have to be perfectly spaced?

Thanks in advanced for the help,

73,

--

-Tim
tstrong@nortelnetworks.com

```
-----
                                KG2NO
-----  ___o      Timothy J Strong      o___
-----  `\"-<,      Nortel Networks      ,>-/'
-----  (*)/'(*)    97 Humboldt Street    (*)\"(*)
          -----  Rochester, NY 14629    --o---o-o-
-----  Summer ----- QRP-L #780 ----- Winter -----
-----
```

Date: Mon, 17 May 1999 20:46:03 +0100

From: Peter Larsen <larsenp@cadvision.com>
To: wa8mcq@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40649] Re: QRP Hall of Fame inductees for 1999
Message-ID: <374071FB.D4ECB083@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All:

>

> Dave Benson, NN1G
> L. B. Cebik, W4RNL
> Paul Harden, NA5N

I don't know Dave, but I have sent and received many e-mails
from both L.B. and Paul.

Both are fine gents and worthy of praise for their work.

Not only that but they even answer my dumb questions!!

--

73 es have fun
Peter
VE6YC D021wc

Artificial intelligence is no match for natural stupidity.

Date: Mon, 17 May 1999 16:57:52 -0400
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [40650] FDIM Proceedings
Message-ID: <374082D0.24011032@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

We had 155 enthusiastic QRPers attend the FDIM Symposium. It was a
great day and each attendee received a copy of the written proceedings.
There is a great deal of good information on a variety of subjects in
the proceedings (check the FDIM Thursday Symposium schedule at

<http://www.qrparci.org/fdim99.html>). Inside the proceedings is some great info from the two newest QRP Hall of Fame Inductees. Included are tips on verticals from the master, L B Cebik; info on distortion from Dave Benson. There are also some great antenna ideas for your next camping trip from the Adventure Radio Society's Russ Carpenter - and much more!

If you were not able to attend, QRP ARCI is making the proceedings available for \$15.00 (including Priority Mail costs). Send a check or money order for \$15.00 made out to QRP ARCI to (please include a self addressed stick on address):

Hank Kohl
K8DD
1640 Henry Street
Port Huron, MI 48060-2523

Enjoy you reading!
72/3,
Ken
W4DU

Date: Mon, 17 May 1999 15:58:12 -0500
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>
Subject: [40651] Bristol Spline Screwdriver Set
Message-ID: <21B46CBD022AD1118F0500805F15A06801106908@stpmsx05.stp.guidant.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi Richard and the group,

Richard Phillips AA9L asked about sources for the Bristol spline keys for Collins knob set screws. Here are some sources.

This info supplied by Ben WB8HUR:
A source for Bristol (Spline) Keys is McMaster-Carr
<http://www.mcmaster.com/>

Part Number 7048A55:

Spline L-Key 10-Piece Short Arm Set Packed In A Plastic Pouch

Catalog page 2363

\$ 10.62 per Set

See catalog page for sizes

This info supplied by Jim N4BE:

Xcelite has a Bristol 11-piece screwdriver set, Xcelite P/N 99-PS-60 w/Techni-Tool P/N 272SC340, \$37.80/set. The set includes sizes 0.048", 0.060", 0.069", 0.072", 0.076", 0.096", 0.111", 0.145", and 0.183". The set includes a handle and 4" extension. It is in the new Techni-Tool catalog #66 @ (800) 832-4866.

They have stock now. It is also available from Tecra Tools in Denver, 800-284-0808.

By the way Richard, I am a graduate of MSOE also. I spent all my free time at W9HHX in the basement of Bldg C in the late 70's.

73,

Scott WA9WFA in Saint Paul Minn
Norcal #809, ARCI #7299

Date: Mon, 17 May 1999 05:04:59 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "qrp" <qrp-l@lehigh.edu>, "baswaplist" <baswaplist@foothill.net>
Subject: [40652] Drake R7, vintage SS RX parts radio sought
Message-ID: <199905172104.RAA20208@hat-trick.atl.org>

Hi to all

Picked up an R7 carcass that is missing a few parts and am looking for another as a parts donor/recipient depending on relative attributes.

Please write if you have an inop or parts R7 and would like to sell or swap for boatanchor or QRP debris.

-bob

Date: Mon, 17 May 1999 21:29:38 +0000

From: Goran Hosinsky <hosinsky@royac.iac.es>
To: turnerw@email.uah.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40653] Re: Address for K0EVG
Message-ID: <37408A41.63D8BE9E@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,
that first http does not work, or is not open for
non-US-hams
Goran ea8yu

Bryan Turner wrote:

>
> Callsign searches are at:
>
> [http://gullfoss.fcc.gov:8080/cgi-](http://gullfoss.fcc.gov:8080/cgi-bin/websql/prod/efpa/forms/610/610_License_Search2.htm)
> [bin/websql/prod/efpa/forms/610/610_License_Search2.htm](http://gullfoss.fcc.gov:8080/cgi-bin/websql/prod/efpa/forms/610/610_License_Search2.htm)
>
> <http://www.qrz.com/i2.html>
>
> http://www.buck.com/cgi-bin/do_hamcallexe
>
> 73 Bryan W8LN
> > Does anyone know the current address for the real K0EVG?
> >

Date: Mon, 17 May 1999 15:11:19 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "Steve Miller" <kg7pv@hevanet.com>
Cc: <qrp-1@lehigh.edu>
Subject: [40654] Re: HamCom Regen Building Contest
Message-ID: <01bea0b2\$30bd7ca0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I used a T50-2 toroid with 8 turns, then in series the following: 0.47uH,
1uH, 3.3uH and 10 uH. The inductors are in series with the following caps
in parallel, 3-30 trimcap (used to set band edges), 47pF NPO, 6 - 50pF air

variable tuning cap. I'll cc this to the list as others will probably have the same question. 72, Doug, KI6DS

-----Original Message-----

From: Steve Miller <kg7pv@hevanet.com>
To: ki6ds@dpol.k12.ca.us <ki6ds@dpol.k12.ca.us>
Date: Monday, May 17, 1999 2:35 PM
Subject: Re: HamCom Regen Building Contest

>Doug,
>
>What are values of the 4 inductors you used? I am not entering the contest
>so I promise I won't tell the other guys :-)
>
>Thanks.
>
>Steve Miller kg7pv@hevanet.com
>Portland, OR
>
>Norcal #308, QRP-L #109, ARCI #9230
>
>> MFJ uses a 50 pF tuning cap and
>> has a toroid with 4 molded inductors in series with it. Then, all that
>they
>> do is switch in the molded inductors with the toroid to change inductance
>> and change bands. Neat arrangement, and easy to do. Here is the
coverage
>> that I get with my regen.
>>
>> Band 1 = 3.5 - 4.3 MHz.
>> Band 2 = 5.8 - 7.4 MHz.
>> Band 3 = 9.5 - 12.0 MHz.
>> Band 4 = 13.2 - 16.4 MHz.
>> Band 5 = 17.5 - 22.0 MHz.
>
>

Date: Mon, 17 May 1999 06:09:01 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [40655] Re: Microprocessors imbedded in radios
Message-ID: <199905172208.SAA20343@hat-trick.atl.org>

Perhaps it's time for a group homebrew project.

to build as much of the radio, as possible, in
SW and not hide the source.

-bob

End of QRP-L Digest 1460

